

Some Observations on Fifty Years of Ohio Weather

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OHIO
AGRICULTURAL EXPERIMENT STATION
Wooster, Ohio

CONTENTS

Introduction	3
Summary of the Weather Conditions at Wooster	4
Mean Temperature at Wooster	6
Precipitation at Wooster	7
Maximum and Minimum Temperatures at Wooster	8
Killing Frost, Growing Season, and Zero Weather at Wooster	10
Snowfall at Wooster	11
Evaporation at Wooster	12
Temperature, Precipitation, Clear and Cloudy Days, and Wind at Wooster..	13
Mean Temperatures for the State	14
Precipitation for the State	15
Snowfall for the State	17
Frost Data and Growing Season at Different Stations	18
Mean Temperature at Experiment Farms	20
Precipitation at Experiment Farms	26



Weather recording apparatus at the Ohio Agricultural Experiment Station, Wooster, Ohio

Temperature, rainfall, sunshine duration, relative humidity, evaporation, and wind direction and velocity are recorded here daily.

SOME OBSERVATIONS ON FIFTY YEARS OF OHIO WEATHER

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INTRODUCTION

This bulletin is intended to supplement Bulletin 445, "The Climate of Ohio", and supersedes Bulletin 544. The tabular matter of Bulletin 445 ended with the year 1928. The present publication includes the data at Wooster and at the District and County Farms for all the years during which records were kept to the end of 1937. The temperature and rainfall data for the District and County Farms were taken by the superintendents in charge of the work on these farms. Also, in this bulletin will be found the meteorological data recorded at the Ohio Agricultural Experiment Station at Wooster and other points in the State, as well as the mean temperature and precipitation for the State as a whole. The data in the tables for the State as a whole were compiled in the office of W. H. Alexander and John C. Fisher, Section Directors of the United States Weather Bureau, Ohio Section, Columbus, Ohio.

Wooster is situated in central Wayne County in latitude $40^{\circ} 47'$ north and longitude $81^{\circ} 55'$ west. The surrounding country is very rolling. The weather records prior to 1894 were kept by Dr. O. N. Stoddard and others at the College of Wooster and by the author since that time at the Ohio Agricultural Experiment Station, 1 mile south of Wooster. The location of the weather station is 1,040 feet above sea level.

The climate of a country or locality is determined from a summary or an average of the weather conditions over a long period of time. Its nature is established definitely only after many years of careful study and observation. Some of the most important factors which go to make up the climate of a locality are the average temperature, rainfall, amount of sunshine, and the frequency of early and late frosts. Although these factors play a very important part in making up the climate, they are influenced very largely by the latitude and longitude, the elevation above sea level, the topography of the surrounding country, mountain ranges, rivers and lakes, swamps and marshes, and by the average direction and velocity of the wind.

The vegetation and growth of crops of any locality are controlled largely by three climatic factors—temperature, sunshine, and rainfall. Fortunately, these are so stable in the greater part of Ohio that an entire crop failure is almost unknown. Of all the climatic factors, perhaps none is more important than rainfall. At least, it is the one which gives the most concern. Although drouthy or excessively rainy periods often occur in parts of Ohio, the temperature and sunshine seldom vary beyond safe limits for crop production.

The climate of a locality is of great importance to its people, not only from the standpoint of health, but because many occupations, especially agriculture, are dependent upon it. A man looking for a new location in which to engage in agriculture should not only look for one with fertile soil but for one having the proper climatic conditions as well. It is sometimes said that the climate of a given place is changing and that we do not have the cold winters or warm summers that we did 50 years ago, but there seems to be no authority, judging from the weather statistics of the past 50 years, at Wooster at least, to sub-

stantiate this fact. Although fluctuations do occur from time to time and from year to year, statistics extending back over a period of more than 100 years show that there is nothing to bear out the idea that there has been any permanent change in the climate. The temperature and rainfall, although fluctuating from year to year, have remained, on the whole, constant.

Some people expect that after a warm winter the spring will be early. Others look forward to an early spring after a severe cold winter. Neither of these theories has proved to be a very reliable guide. Comparing the extremely warm and cold winters with the early and late springs of the past half century at Wooster gives little indication one way or the other. For instance, the winter of 1900-1901 was very mild; the temperature went slightly below zero on three occasions only. The following spring was late, with 18 to 20 inches of snow on April 20. 1931-1932 was one of the warmest winters on record, with the minimum well above zero the entire winter, yet there was frost on May 18, 19, 23, and 30. The winter of 1932-1933 was also warm, followed by a late spring with seeding and planting 2 or 3 weeks late. 1918-1919 was a mild winter, and the spring following was cold and late; corn was planted as late as June 1. The winter of 1929-1930 was warm, but there was heavy frost as late as May 31. 1912-1913 was another mild winter, and yet there was heavy frost on May 11 and 12 and as late as June 10. Late springs frequently follow cold winters, however. 1903-1904, one of the coldest winters on record, with the temperature dropping below zero 19 times during the winter, was followed by a late spring with the ground frozen 3 inches deep in April. The 1904-1905 winter was also very cold and was followed by killing frost on May 23 and 24. The winter of 1935-1936 was very cold, followed by a cold, wet spring with seeding 2 or 3 weeks late. The winter of 1911-1912 was very severe with below zero temperatures on 18 different days. The temperature fell to 24° below on January 13, the lowest temperature recorded here at Wooster to date. This winter was also followed by a cold, wet spring. And yet, the winter of 1899-1900, a very cold winter with the coldest consecutive 7-day period (February 8 to 14) in the entire list, was followed by an early spring. And the winter of 1917-1918, another one of the coldest, with the temperature dropping to 19° below zero in December and to zero or below on 21 days during the winter, was also followed by an early spring with spring plowing well under way by April 1. To say, therefore, that the spring will be early or late, judging from the fact that the winter has been mild or cold, seems to be pretty much a matter of speculation, according to the records of the past 50 years.

The data for temperature, rainfall, snowfall, early and late frosts, direction and velocity of wind, etc., given in the following tables cover a period of approximately 50 years and should enable the reader to form a general opinion of the climatic conditions at Wooster and also at other points in the State.

SUMMARY OF THE WEATHER CONDITIONS AT WOOSTER

The average annual temperature at Wooster for the years of record was 49.7°. The average temperature for the 3 winter months was 28.6°; for the 3 spring months, 48.2°; for the 3 summer months, 69.7°; and for the 3 fall months, 52.1°. The highest annual mean temperature was 53.3° in 1921 and the lowest, 46.2° in 1917. The warmest month was July, which had an average temperature of 71.8°; the coldest was February, with a mean of 27.6°. The warmest single month in the history of the Station was July 1921 with a mean tempera-

ture of 76.2°, and the coldest was January 1918, with a mean of 14.2°. The warmest winters were those of 1889-1890 and 1931-1932, when the mean for the 3 winter months was 37.8°; the coldest winter was that of 1903-1904, when the mean was 20.3°. The warmest summer was that of 1933, when the mean for the 3 summer months was 72.3°; and the coolest summer was in 1927, with a mean of 66.5°. The highest temperature ever recorded at the Experiment Station was 105° on August 6, 1918; the lowest was 24° below zero, on January 13, 1912.

The average annual precipitation for the 50 years was 38.7 inches. The average precipitation for winter was 8.35 inches; for spring, 10.24 inches; for summer, 11.62 inches; and for autumn, 8.49 inches.

The most precipitation in any one year was 53.94 inches in 1890; the least was 28.78 inches in 1930. The wettest month was July, with an average rainfall of 4.06 inches; the driest was February, with an average of 2.42 inches. The least precipitation for any one month was 0.29 inch in September 1897; the greatest was 11.84 inches in March 1913. In that month 10.15 inches of rain fell in 4 days causing the worst flood and greatest property loss in the history of Wooster.

The most precipitation for any winter occurred in 1889-1890, when the total for the 3 months was 14.84 inches; the least was 3.77 inches in 1900-1901. The greatest amount during any crop growing season, April to September inclusive, was 30.86 inches in 1935; the least, 13.56 inches in 1930. One inch of rainfall is equivalent to 27,154 gallons, or 112.7 tons, per acre.

The average snowfall per year was 32.8 inches. The most snowfall in any one year was 75 inches, in 1910. The greatest fall per month was 28.5 inches, in February 1910. On April 19 and 20, 1901, 14 to 20 inches of snow fell. This was the greatest snowstorm ever known at Wooster so late in the season.

January 12, 1918, known as "that cold Saturday", was the most bitter cold and disagreeable day on record at Wooster to date. The temperature was 34° at 2 a. m. and 12° below zero at 8 a. m., a fall of 46° in 6 hours. A very high, cold, penetrating southwest wind prevailed for 24 hours.

The average date of the last killing frost in spring was May 8, and of the first killing frost in fall, October 8. The average length of the growing season was 153 days.

The average number of days with rainfall for the entire period was 129 per year.

The average number of clear days was 138 per year.

The average number of cloudy days was 146 per year.

TABLE 1.—Mean temperature, by months and years, at Wooster

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Av. 5-yr. periods
1888	22.9	28.4	31.7	46.3	57.7	66.0	70.1	67.8	57.1	44.9	40.8	31.4	47.1	48.6
1889	31.1	22.9	38.7	47.1	57.8	64.5	70.0	66.0	60.8	45.3	39.3	40.7	48.7	
1890	36.0	36.6	30.9	48.4	56.0	69.8	70.5	65.8	59.6	50.0	41.3	28.8	49.5	
1891	30.0	34.0	32.0	49.0	55.0	68.0	67.5	70.0	67.9	48.8	37.6	37.3	49.8	
1892	21.5	32.4*	33.2	47.1	58.7	70.5	69.6	68.7	60.9	48.9	37.5	28.0	48.1	
1893	16.7	27.6	37.7	50.1	57.6	71.2	74.3	70.3	64.2	52.0	37.7	30.9	49.2	49.3
1894	32.8	26.7	43.5	50.5	57.5	67.9	71.4	69.2	66.1	52.3	36.5	32.9	50.6	
1895	21.8	17.9	32.4	49.5	59.4	69.9	68.6	70.9	66.5	44.2	40.4	32.8	47.9	
1896	27.9	29.2	29.8	54.6	64.5	65.6	70.2	68.5	60.6	48.8	44.4	30.8	49.6	
1897	23.6	30.0	39.8	47.4	53.4	64.4	73.2	66.8	63.8	56.0	41.2	31.8	49.3	
1898	31.6	27.4	43.3	45.3	58.2	68.7	74.5	71.1	66.2	52.6	38.4	27.9	50.4	49.8
1899	26.6	20.5	35.0	52.1	60.0	69.3	71.1	71.0	61.7	55.0	43.2	29.0	49.5	
1900	30.2	24.8	31.7	47.8	61.5	68.4	72.6	73.9	67.1	58.9	40.6	30.8	50.7	
1901	28.3	20.0	39.0	45.2	58.0	69.1	76.0	71.6	63.3	51.8	36.6	27.0	48.8	
1902	26.2	21.4	41.3	46.2	61.4	65.6	73.0	66.4	62.7	54.0	47.4	28.5	49.5	
1903	24.4	29.0	45.7	48.6	62.2	63.0	71.8	68.8	64.4	53.2	36.8	21.6	49.1	48.8
1904	18.6	20.5	37.6	42.8	59.4	67.0	69.8	66.7	64.2	50.4	39.6	28.0	47.0	
1905	22.6	19.8	41.2	46.8	59.2	68.0	71.6	70.0	63.8	51.0	39.4	33.1	48.9	
1906	35.9	25.8	30.2	51.9	59.9	68.8	71.0	74.2	67.7	51.4	40.4	31.2	50.7	
1907	30.8	24.6	44.9	41.7	52.8	64.6	69.9	68.6	65.0	47.4	38.5	32.2	48.4	
1908	28.7	26.8	43.1	50.0	62.2	68.1	72.4	69.0	66.4	53.0	41.0	31.7	51.0	49.7
1909	31.8	33.6	35.9	48.4	57.9	69.3	69.6	70.4	62.2	47.8	48.4	25.3	50.0	
1910	26.7	23.6	47.2	50.2	54.8	64.1	72.6	70.9	65.0	54.9	34.8	24.4	49.1	
1911	31.6	33.8	35.0	46.4	63.6	68.9	71.8	70.6	65.1	51.9	36.8	34.7	50.8	
1912	16.6	20.5	30.4	50.0	61.2	64.6	71.6	67.2	65.6	52.4	41.0	32.9	47.8	
1913	34.2	25.1	38.5	48.9	57.9	67.4	72.4	71.4	62.5	52.2	42.4	33.7	50.6	48.8
1914	31.8	20.4	34.2	48.4	59.8	68.4	71.0	71.5	62.2	55.8	40.8	26.0	49.2	
1915	24.6	33.2	31.2	53.2	55.6	64.6	69.2	66.2	65.6	53.4	42.4	28.6	49.0	
1916	35.2	24.7	32.0	46.8	60.2	62.9	74.6	72.2	62.0	50.1	40.4	26.2	48.9	
1917	25.6	21.3	36.3	47.8	52.6	66.3	71.8	70.7	60.0	45.4	36.5	20.7	46.2	
1918	14.2	29.6	43.1	48.6	65.0	67.3	70.4	75.1	57.4	55.5	41.8	37.8	50.5	51.1
1919	32.0	31.6	39.7	48.7	58.1	73.2	73.7	69.2	65.1	57.8	40.6	24.4	51.2	
1920	20.6	25.5	41.6	44.4	56.4	67.4	69.1	69.5	65.0	57.6	40.0	32.4	49.1	
1921	32.2	32.8	48.0	55.2	60.6	71.0	76.2	68.7	69.0	52.8	41.0	32.0	53.3	
1922	24.0	32.6	41.2	51.2	62.2	69.2	71.3	68.4	66.5	54.8	43.4	31.4	51.4	
1923	30.8	24.9	36.8	47.3	56.9	69.6	71.7	69.4	64.6	50.0	40.4	39.6	50.2	49.5
1924	24.7	27.0	35.1	48.3	54.5	66.6	68.8	70.6	60.3	53.8	40.3	26.9	48.1	
1925	25.7	35.6	40.2	52.0	53.6	72.0	70.4	70.4	67.8	44.4	38.0	27.6	49.8	
1926	25.0	29.2	32.6	43.0	58.0	64.4	71.4	73.1	65.2	52.2	40.0	27.6	48.5	
1927	26.6	35.2	41.4	49.1	59.0	62.8	71.0	65.6	66.0	55.8	45.2	30.9	50.7	
1928	27.8	30.6	36.9	45.7	57.4	64.1	72.7	62.7	60.4	55.6	42.5	34.2	50.0	50.8
1929	24.8	24.9	45.0	51.7	57.7	66.0	71.6	66.4	64.8	50.8	38.0	30.7	49.3	
1930	26.7	36.9	37.4	51.0	61.1	69.0	73.9	70.5	66.7	49.7	41.7	30.0	51.2	
1931	30.3	33.3	35.1	48.4	57.4	67.7	75.6	71.8	58.4	55.6	48.4	38.4	52.5	
1932	39.0	35.9	32.4	46.5	58.8	68.9	72.0	70.8	64.6	54.4	39.2	31.7	51.2	
1933	37.5	31.8	37.3	50.6	61.8	72.4	73.8	70.6	67.2	51.0	37.0	33.5	52.0	50.3
1934	31.7	19.0	33.4	47.7	62.4	74.4	75.6	69.5	66.1	52.7	44.2	29.3	50.5	
1935	28.4	29.1	44.6	45.4	54.2	65.2	74.8	72.0	62.2	53.0	42.1	24.2	49.6	
1936	22.0	21.4	41.5	44.1	61.8	68.0	73.6	73.8	67.5	53.1	36.7	35.0	49.9	
1937	35.1	31.0	33.0	47.6	58.5	68.1	71.9	73.2	61.4	51.3	38.9	27.7	49.8	
Av.	27.7	27.6	37.6	48.3	58.6	67.6	71.8	69.7	63.9	51.9	40.4	30.5	49.7

*From Akron records.

TABLE 2.—Precipitation, by months and years, at Wooster—inches

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Av. 5-yr. periods
1888	3.34	2.43	3.34	2.48	3.82	2.31	4.54	4.35	1.92	3.18	4.95	1.39	38.05	42.37
1889	4.33	2.42	2.13	1.58	2.97	4.86	6.73	1.98	4.05	1.36	3.53	3.93	39.87	
1890	4.71	6.20	4.37	3.10	6.37	4.92	2.67	4.66	5.13	7.45	2.62	1.74	53.94	
1891	2.91	4.83	3.71	1.66	2.24	7.13	3.24	1.85	.93	1.33	5.73	2.92	38.48	
1892	2.67	2.67	3.38	2.44	7.69	7.89	4.73	2.69	3.20	.37	2.06	1.74	41.53	
1893	4.01	6.33	1.89	5.66	6.28	2.51	1.38	1.53	1.85	5.15	2.49	1.50	40.58	35.63
1894	2.19	3.37	2.36	1.74	4.41	2.23	1.38	.76	4.25	2.53	2.41	3.15	30.78	
1895	3.97	.41	1.98	1.69	1.38	4.20	2.19	2.30	3.92	1.15	4.21	3.51	30.91	
1896	1.73	2.27	3.67	3.34	3.41	3.98	8.05	1.96	5.16	.71	1.78	3.04	39.10	
1897	3.42	2.64	2.81	2.75	4.97	2.98	3.89	3.86	.29	.89	5.76	2.50	36.76	
1898	4.10	2.27	6.44	2.56	4.60	2.70	6.79	5.53	2.15	4.28	4.14	2.29	47.85	37.25
1899	3.29	1.64	3.95	1.28	4.42	1.95	3.73	.53	5.56	2.21	1.59	2.78	32.93	
1900	2.78	2.74	2.25	1.70	2.23	3.71	5.65	5.97	2.19	2.10	4.30	.99	36.61	
1901	1.58	1.20	3.09	2.46	4.32	4.82	3.32	3.58	5.64	.79	1.62	3.47	35.89	
1902	.63	.83	2.99	1.55	2.57	5.55	5.26	1.87	3.49	1.52	2.62	4.07	32.95	
1903	3.54	3.69	3.29	4.55	1.59	3.69	4.61	6.58	2.07	2.63	2.25	1.95	40.44	41.49
1904	5.27	3.90	6.22	6.59	4.45	1.67	4.93	2.03	2.27	.87	.40	2.68	41.28	
1905	1.83	1.36	2.61	2.51	5.97	7.50	5.14	4.47	5.10	2.32	2.04	2.08	42.93	
1906	1.93	1.06	3.57	2.27	2.98	3.81	4.93	7.38	5.16	3.55	2.39	3.79	42.82	
1907	6.92	1.09	5.80	2.69	3.48	3.81	3.96	2.04	3.13	2.34	1.33	3.41	40.00	
1908	1.96	3.89	5.02	3.64	4.56	2.17	3.44	3.17	.73	1.22	1.09	3.05	33.94	41.47
1909	2.95	5.22	3.02	3.92	4.06	6.44	4.05	5.21	1.73	2.16	2.91	2.55	44.22	
1910	5.29	4.41	.54	3.22	4.87	2.57	1.12	.95	2.59	5.24	2.36	2.29	35.45	
1911	4.13	2.25	3.26	3.71	2.45	3.78	3.36	5.19	6.53	5.45	2.50	4.54	47.15	
1912	2.30	1.10	3.77	5.58	5.65	2.21	7.46	7.32	4.41	2.18	1.79	2.35	46.60	
1913	7.86	2.43	11.84	3.66	3.04	.97	4.07	4.75	3.70	3.17	3.77	1.92	51.18	39.48
1914	1.64	1.95	2.37	4.33	2.98	6.33	1.23	5.00	2.87	3.33	1.68	3.67	37.38	
1915	2.32	2.04	1.17	1.41	2.80	6.32	8.35	3.93	4.90	2.85	2.65	3.32	42.06	
1916	4.98	1.73	4.72	2.92	2.95	5.05	2.21	2.26	1.07	1.98	2.63	2.43	34.93	
1917	3.12	1.30	3.66	2.00	3.94	4.84	2.20	2.44	1.48	4.76	.48	1.64	31.86	
1918	2.66	2.39	2.01	2.96	4.88	1.91	2.68	3.03	3.27	2.82	1.43	3.71	33.75	38.57
1919	1.20	.96	3.82	2.66	6.17	2.62	6.42	7.37	1.46	6.00	2.71	1.69	43.08	
1920	2.47	.91	2.08	5.67	1.59	8.26	3.67	7.25	2.12	1.30	2.45	1.93	39.70	
1921	2.00	2.41	6.26	4.28	3.42	2.77	2.92	1.85	6.35	1.58	5.70	2.36	41.90	
1922	1.71	2.27	3.80	4.39	5.61	3.04	5.04	1.17	.89	1.67	1.70	3.13	34.42	
1923	4.33	1.79	2.49	2.28	4.11	1.99	2.08	4.70	3.08	1.38	2.82	5.25	36.30	37.66
1924	3.68	2.16	2.82	2.86	4.13	6.40	4.32	2.34	5.38	.30	1.07	3.44	38.90	
1925	1.81	2.10	2.50	1.87	2.35	2.24	4.09	1.88	4.08	3.01	3.53	.94	30.40	
1926	2.64	2.80	1.87	2.52	2.63	3.58	2.49	2.75	8.51	5.29	2.64	1.70	39.42	
1927	2.79	2.73	4.11	3.02	4.45	3.36	4.28	2.88	2.69	.90	6.95	5.12	43.28	
1928	1.86	3.18	3.52	2.67	1.69	5.17	3.75	4.03	.65	2.17	2.92	1.85	33.46	35.36
1929	5.29	2.62	3.18	5.58	4.84	4.10	6.79	1.26	1.66	2.37	3.54	3.12	44.35	
1930	5.33	2.63	3.07	2.23	1.59	2.86	1.71	2.64	2.53	1.81	1.21	1.17	28.78	
1931	1.41	1.80	1.58	4.10	4.45	3.49	2.97	4.68	3.48	1.79	2.00	3.91	35.66	
1932	5.81	1.23	2.70	2.55	1.93	3.44	3.14	2.01	1.93	3.56	3.26	3.01	34.57	
1933	1.53	1.43	5.56	3.47	4.77	1.67	1.73	3.85	4.23	1.49	1.50	2.30	33.53	37.78
1934	1.38	1.17	2.37	2.80	.43	4.50	2.55	4.21	6.11	.97	2.30	1.11	29.90	
1935	2.58	1.74	2.62	1.01	4.17	4.89	9.30	9.53	1.96	2.62	2.90	3.00	46.32	
1936	1.43	3.25	4.66	2.46	2.53	1.80	5.61	5.46	2.66	3.39	2.15	1.50	36.90	
1937	8.98	1.54	1.95	4.89	3.52	4.98	3.13	2.75	2.62	4.31	.79	2.79	42.25	
Av.	3.25	2.42	3.44	3.06	3.73	3.92	4.06	3.63	3.26	2.56	2.67	2.67	38.71

TABLE 3.—Maximum and minimum temperatures, by months and years, at Wooster—degrees

Date	January		February		March		April		May		June		July		August		September		October		November		December	
	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest
1888.....	54	- 5	54	- 1	67	8	84	19	82	31	89	40	90	43	92	41	82	31	69	27	72	19	57	9
1889.....	54	13	54	- 5	71	16	80	21	90	30	87	38	92	49	90	45	92	37	76	23	65	16	65	18
1890.....	66	5	65	14	60	1	74	23	83	30	88	46	94	45	95	40	88	38	81	30	66	24	48	15
1891.....	51	12	60	3	61	0	83	21	82	28	89	44	89	49	99	53	98	42	88	25	71	10	58	16
1892.....	54	-20	54	- 8	65	10	76	28	86	38	90	56	98	48	94	49	88	36	81	25	67	16	61	- 2
1893.....	51	- 9	47	- 2	75	10	83	24	84	36	92	45	95	47	93	37	95	28	85	24	66	15	62	- 6
1894.....	56	1	64	- 1	75	14	92	24	83	35	93	37	98	41	96	41	93	36	80	28	65	31	57	- 1
1895.....	54	- 6	60	- 6	59	9	80	21	94	27	98	35	92	42	94	42	93	34	73	19	72	18	61	- 2
1896.....	53	- 2	58	- 6	65	4	89	19	86	44	87	39	92	45	93	41	92	34	71	21	69	13	56	- 1
1897.....	61	-18	54	0	69	11	79	21	78	31	88	37	96	50	92	42	96	28	86	25	65	12	60	2
1898.....	64	- 1	64	- 9	71	12	77	16	81	32	90	40	96	45	90	46	90	38	86	24	66	13	56	- 1
1899.....	55	- 6	57	-21	67	9	86	21	86	30	92	40	94	45	95	39	94	32	92	22	66	22	63	- 2
1900.....	54	- 5	65	-10	57	- 4	78	20	89	25	90	44	95	44	94	49	89	41	86	30	69	6	55	-11
1901.....	53	- 4	40	0	69	- 1	82	22	82	33	91	38	95	50	94	47	86	34	79	26	67	18	64	- 1
1902.....	47	- 2	59	- 9	69	9	83	24	97	29	89	39	93	46	88	40	85	32	77	27	72	24	60	- 5
1903.....	60	- 8	63	- 9	76	21	74	19	89	27	88	41	94	42	92	43	89	32	79	26	71	9	49	- 2
1904.....	60	-21	57	-10	74	13	72	12	88	33	88	44	92	46	90	42	89	31	83	19	68	15	63	- 1
1905.....	59	- 8	43	-12	79	10	77	23	82	31	89	38	92	50	90	46	87	36	80	23	61	16	52	13
1906.....	72	- 6	65	-14	61	- 5	80	21	86	29	92	47	88	46	91	48	90	44	74	22	72	23	58	6
1907.....	67	-14	50	- 5	82	12	78	15	81	29	89	40	88	40	90	43	88	34	82	22	55	18	56	9
1908.....	51	- 4	56	- 3	75	21	80	24	89	30	91	36	92	46	95	43	95	28	84	24	68	17	59	6
1909.....	66	-11	60	- 2	60	12	81	13	84	31	89	42	89	45	89	41	90	30	81	22	72	21	66	7

TABLE 3.—Maximum and minimum temperatures, by months and years, at Wooster—degrees—continued

Date	January		February		March		April		May		June		July		August		September		October		November		December	
	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest
1910.....	45	— 1	48	—12	84	18	81	23	82	25	90	35	94	44	94	38	91	34	85	24	66	14	49	0
1911.....	56	—11	62	— 9	67	4	77	16	92	28	94	45	101	43	97	41	87	37	75	22	65	10	61	7
1912.....	44	—24	55	—16	68	6	78	23	86	36	88	31	90	51	89	41	93	30	82	26	68	18	58	8
1913.....	57	— 4	62	— 2	74	1	83	20	86	25	96	32	95	42	96	45	93	28	81	24	73	12	56	7
1914.....	64	— 0	51	—18	67	6	87	19	91	29	95	36	95	45	94	49	93	34	82	26	74	13	59	—11
1915.....	50	—13	60	— 0	54	8	88	21	78	28	87	37	91	46	88	36	90	33	80	23	74	19	52	10
1916.....	70	— 4	57	— 7	76	— 1	78	21	86	34	84	35	96	50	99	41	94	30	89	26	71	16	61	6
1917.....	56	—11	59	—15	72	2	82	20	86	31	92	37	96	46	96	49	85	33	76	24	65	9	48	—19
1918.....	41	—19	63	—18	76	17	79	22	89	31	89	40	95	42	105	45	81	33	79	27	68	19	61	20
1919.....	59	— 2	62	— 9	68	16	77	15	94	35	93	46	95	49	90	45	90	37	87	30	61	20	56	— 4
1920.....	44	— 5	52	— 0	75	6	80	19	85	29	93	41	92	44	89	43	88	40	82	29	65	14	59	0
1921.....	55	—10	64	—15	77	20	85	21	87	31	92	41	96	51	92	43	92	39	76	28	67	19	58	9
1922.....	54	—11	67	— 0	74	12	80	22	83	33	91	42	90	41	96	40	95	32	91	23	66	15	65	—10
1923.....	53	— 4	50	— 1	63	7	77	7	84	29	95	39	97	45	92	40	87	29	81	25	62	22	59	17
1924.....	51	—10	61	— 1	73	15	75	21	85	32	94	42	92	42	95	44	88	35	80	21	75	14	59	—11
1925.....	43	— 7	66	— 3	76	1	90	24	90	29	97	42	94	41	95	42	95	42	76	18	61	17	57	— 9
1926.....	48	—11	50	— 4	67	— 1	81	18	85	31	90	37	99	41	95	45	87	36	84	23	66	15	58	— 3
1927.....	52	— 4	66	— 4	73	14	83	24	87	30	93	38	93	43	90	40	92	33	88	27	73	20	62	4
1928.....	59	— 5	53	— 1	75	10	79	19	88	29	86	36	93	46	93	47	89	30	88	19	72	13	59	7
1929.....	63	—12	55	— 9	81	10	84	25	90	28	91	35	92	44	89	40	92	33	76	26	69	— 2	57	3
1930.....	57	—10	70	— 3	72	9	87	23	87	30	92	34	104	39	102	40	88	32	82	16	71	1	53	5
1931.....	57	— 4	60	—11	59	14	82	25	85	28	93	37	97	47	96	45	91	34	81	27	74	21	61	14
1932.....	66	—10	72	— 9	65	1	75	21	83	28	90	37	97	48	94	42	96	33	77	30	68	12	62	—10
1933.....	68	—10	59	— 6	64	8	78	27	87	39	97	34	100	48	97	46	93	40	77	23	76	1	60	— 5
1934.....	55	— 2	48	—14	68	0	76	24	92	31	98	47	99	47	95	37	87	33	80	24	70	20	66	5
1935.....	53	— 3	49	— 1	70	17	77	19	81	30	88	37	93	52	93	40	87	29	82	25	74	19	50	— 8
1936.....	48	—15	57	—11	74	13	75	19	90	32	92	38	103	44	96	47	92	40	76	19	66	7	61	8
1937.....	64	—11	66	— 8	56	9	70	24	88	34	87	42	92	46	91	50	92	32	83	24	65	13	49	2
Extremes.....	72	—24	72	—21	84	— 5	92	7	97	25	98	31	104	39	105	36	98	28	92	16	76	— 2	66	—19

TABLE 4.—Date of first and last killing frost, length of growing season, and number of days the mercury registered zero or below at Wooster

Year	Date of killing frost		Length of growing season, days	Number of days mercury registered zero or below				
	Last in spring	First in fall		Jan.	Feb.	Mar.	Dec.	Total
1894.....	Apr. 13	Oct. 7	177	.....	2	.....	2	4
1895.....	May 22	Sept. 28	129	5	7	.....	2	14
1896.....	Apr. 24	Sept. 24	153	1	3	.....	.....	4
1897.....	May 26	Sept. 21	118	4	.....	.....	.....	4
1898.....	May 9	Oct. 16	160	1	3	.....	.....	4
1899.....	May 22	Sept. 30	131	3	8	.....	2	13
1900.....	May 10	Oct. 18	161	2	5	1	.....	8
1901.....	May 16	Oct. 4	141	2	1	1	4	8
1902.....	May 10	Sept. 14	127	.....	5	.....	1	6
1903.....	May 4	Oct. 23	172	3	3	.....	6	12
1904.....	Apr. 20	Sept. 22	155	7	8	.....	1	16
1905.....	May 24	Oct. 13	142	3	10	.....	.....	13
1906.....	May 10	Oct. 11	154	.....	6	1	.....	7
1907.....	May 12	Oct. 14	155	5	3	.....	.....	8
1908.....	Apr. 17	Sept. 30	166	.....	1	.....	.....	1
1909.....	May 12	Oct. 19	160	1	1	.....	1	3
1910.....	May 15	Oct. 29	167	3	6	.....	1	10
1911.....	May 5	Oct. 24	172	1	.....	.....	.....	1
1912.....	June 8	Sept. 30	114	12	7	.....	.....	19
1913.....	June 10	Sept. 23	105	.....	1	.....	.....	1
1914.....	May 2	Oct. 27	178	1	6	.....	5	12
1915.....	May 27	Oct. 10	136	4	1	.....	.....	5
1916.....	Apr. 29	Sept. 19	143	2	1	1	5	9
1917.....	May 11	Oct. 1	143	2	8	.....	9	19
1918.....	May 2	Oct. 13	152	8	4	.....	.....	12
1919.....	Apr. 27	Oct. 13	169	.....	.....	.....	2	2
1920.....	May 16	Oct. 7	144	4	1	.....	.....	5
1921.....	May 17	Oct. 13	149	.....	.....	.....	.....	0
1922.....	May 1	Sept. 26	148	4	.....	.....	1	6
1923.....	May 10	Sept. 14	127	.....	1	.....	.....	1
1924.....	Apr. 23	Oct. 23	183	6	.....	.....	4	10
1925.....	May 27	Oct. 10	136	2	.....	.....	3	5
1926.....	May 4	Oct. 23	172	2	.....	1	1	4
1927.....	May 1	Oct. 15	167	2	.....	.....	.....	2
1928.....	May 13	Sept. 26	136	3	1	.....	.....	4
1929.....	May 20	Oct. 15	148	3	3	.....	.....	6
1930.....	Apr. 27	Oct. 2	158	5	1	.....	.....	6
1931.....	May 1	Oct. 18	170	.....	.....	.....	.....	0
1932.....	May 3	Nov. 3	184	.....	.....	.....	1	1
1933.....	Apr. 27	Oct. 14	170	.....	3	.....	2	5
1934.....	May 16	Oct. 13	151	2	9	1	.....	12
1935.....	Apr. 18	Sept. 30	165	2	.....	.....	.....	2
1936.....	Apr. 24	Oct. 24	183	6	9	.....	.....	15
1937.....	Apr. 23	Oct. 14	174	.....	.....	.....	.....	0
Average or total	May 8	Oct. 8	153	111	129	6	53	299

TABLE 5.—Monthly snowfall at Wooster

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Av. 5-yr. periods
1894	7.0	9.2	3.2	11.3	9.0	39.7	34.6
1895	12.5	3.4	4.3	0.2	T*	.....	.....	.....	.....	.....	.5	8.2	29.1
1896	T	14.4	12.8	.8	.....	.....	.....	.....	.....	T	T	9.2	37.2
1897	20.5	5.5	3.0	T	.....	.....	.....	.....	.....	.....	.5	5.2	34.7
1898	2.0	10.8	3.5	.8	.....	.....	.....	.....	.....	T	4.5	10.8	32.4
1899	7.2	4.5	6.0	1.05	9.8	29.0	30.6
1900	4.0	5.8	4.0	T	T	.....	.....	.....	.....	.....	2.5	4.4	20.7
1901	3.5	2.8	2.5	14.0	.....	.....	.....	.....	.....	T	2.4	6.2	31.4
1902	6.2	6.0	1.0	4.0	.....	.....	.....	.....	.....	T	1.0	12.0	30.2
1903	18.5	9.2	.2	.5	.....	.....	.....	.....	.....	T	5.4	8.0	41.8
1904	15.0	5.0	1.0	2.2	T	1.2	5.5	29.9	30.9
1905	10.0	3.7	3.0	2.0	.....	.....	.....	.....	.....	T	.2	2.1	21.0
1906	4.2	7.0	18.5	.2	T	.....	.....	.....	.....	0.1	1.8	7.8	39.6
1907	10.5	6.5	4.5	2.8	T	.....	.....	.....	.....	T	4.2	28.5	28.5
1908	6.5	10.2	3.2	6.0	T	.....	.....	.....	.....	.....	.5	9.2	35.6
1909	15.0	4.2	7.8	5.8	T2	.5	9.8	43.3	52.4
1910	24.5	28.5	1.0	9.2	.....	.....	.....	.....	.....	.2	4.5	7.2	75.1
1911	7.8	11.0	9.7	3.0	T	.....	.....	.....	.....	.....	4.4	13.0	48.9
1912	8.8	11.7	8.4	4.0	T	.....	.....	.....	.....	.....	.4	3.5	36.8
1913	15.2	11.5	6.3	T	.....	.....	.....	.....	.....	.5	18.0	6.5	58.0
1914	8.4	14.5	3.3	2.5	T	.7	13.0	42.4	38.4
1915	12.5	2.2	3.0	T	.....	.....	.....	.....	.....	.....	1.2	12.7	31.6
1916	.7	10.0	13.2	6.2	.....	.....	.....	.....	.....	.....	1.8	14.8	46.7
1917	9.0	6.0	6.2	T	.....	.....	.....	.....	.....	4.0	1.0	16.2	42.4
1918	21.5	.8	1.5	4.0	.....	.....	.....	.....	.....	.....	T	1.2	29.0
1919	.5	4.0	4.4	T5	4.8	14.2	25.0
1920	17.0	7.0	1.8	1.5	.....	.....	.....	.....	.....	.....	7.0	4.0	38.3
1921	3.5	8.2	1.0	.5	.....	.....	.....	.....	.....	T	7.0	5.5	25.7
1922	6.5	4.5	2.5	2.0	.....	.....	.....	.....	.....	.....	1.0	6.5	23.0
1923	5.8	6.8	5.5	.....	3.0	.....	.....	.....	.....	.....	.3	2.5	23.9
1924	7.5	10.5	8.8	1.5	4.3	32.6	31.8
1925	12.0	2.0	1.5	.....	.....	.....	.....	.....	.....	6.0	.5	2.8	24.8
1926	17.8	16.3	4.8	2.3	.....	.....	.....	.....	.....	.3	.8	8.3	50.6
1927	3.3	10.3	.3	1.0	.....	.....	.....	.....	.....	.....	2.8	3.3	21.0
1928	3.8	7.8	9.8	3.5	.....	.....	.....	.....	.....	.....	4.3	1.0	30.2
1929	12.5	9.5	3.0	2.3	9.0	36.3	21.9
1930	6.8	2.5	6.5	1.3	.....	.....	.....	.....	.....	.....	1.4	6.7	25.2
1931	3.5	1.9	5.6	6.8	.....	.....	.....	.....	.....	.....	1.8	.2	19.8
1932	T	2.2	3.8	1.0	.....	.....	.....	.....	.....	.....	.2	3.0	10.2
1933	.5	1.3	3.2	.....	.....	.....	.....	.....	.....	.....	6.2	7.0	18.2
1934	1.6	1.2	7.2	2.05	4.5	17.0	28.1†
1935	4.1	8.2	.....	.8	.....	.....	.....	.....	.....	.....	.7	16.5	30.3
1936	10.5	11.0	10.4	1.7	.....	.....	.....	.....	.....	.....	6.9	5.0	45.5
1937	5.0	7.2	2.8	.....	.....	.....	.....	.....	.....	.1	3.0	1.7	19.8
Av.	8.5	7.4	4.9	2.1	.13	2.6	7.0	32.8

*T=less than 0.01 inch. †4 years only.

TABLE 6.—Average daily evaporation from an exposed water surface at the Ohio Agricultural Experiment Station, Wooster*

Year	Apr.	May	June	July	Aug.	Sept.	Oct.
1916.....				0.199	0.206	0.157	0.098
1917.....	0.095	0.133	0.168	.185	.178	.120	.058
1918.....	.125	.182	.188	.200	.195	.100	.070
1919.....	.096	.111	.213	.228	.168	.102	.086
1920.....		.143	.167	.187	.132	.126	.072
1921.....	.116	.150	.207	.215	.164	.122	.071
1922.....	.122	.136	.189	.199	.174	.141	.072
1923.....	.124	.150	.175	.191	.170	.106	.066
1924.....	.104	.099	.168	.186	.162	.094	.068
1925.....			.208	.172	.153	.126	.037
1926.....		.137	.158	.154	.127	.072	.041
1927.....		.096	.130	.148	.121	.102	.064
1928.....		.127	.106	.150	.140	.104	.065
1929.....	.090	.106	.140	.161	.123	.097	.056
1930†.....							
1931.....			.171	.219	.178	.130	.066
1932.....	.119	.152	.183	.207	.175	.141	.082
1933.....	.169	.140	.218	.214	.181	.124	.068
1934.....		.192	.241	.206	.177	.131	.080
1935.....	.103	.164	.163	.190	.155	.123	.083
1936.....	.109‡	.163	.207	.228	.162	.137	.071
1937.....	.114	.135	.151	.170	.130	.125	.086§
Average.....	.114	.140	.177	.191	.160	.118	.069

*The evaporation apparatus is composed of a galvanized tank, or pan, 10 inches deep and 48 inches in diameter, which is kept filled with water to a depth of approximately 8 inches. The evaporation readings are taken daily.

†No records available for this year.

‡16 days. §14 days.

TABLE 7.—Temperature, precipitation, clear and cloudy days, prevailing direction and velocity of wind, averages and extremes, Wooster

[illegible]

TABLE 8.—Monthly and annual mean temperatures for the State

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1883.....	24.1	30.5	32.4	48.1	58.0	69.0	72.1	68.2	61.5	53.4	43.4	32.4	49.4
1884.....	19.4	33.8	37.5	47.5	60.4	71.1	71.5	70.8	69.4	56.3	39.4	30.2	50.6
1885.....	22.6	19.3	29.1	48.5	59.5	67.1	75.2	68.9	62.9	49.9	40.8	32.4	48.0
1886.....	23.9	25.9	38.5	51.6	62.2	67.5	72.0	70.9	65.5	53.2	38.8	25.5	49.6
1887.....	26.4	35.9	35.8	49.8	66.0	71.0	77.9	77.9	63.7	49.3	39.3	31.3	52.0
1888.....	24.3	30.5	34.2	49.2	58.8	70.4	72.1	70.4	60.3	47.9	42.9	33.3	49.5
1889.....	33.3	25.8	40.2	49.9	60.2	66.7	72.5	69.1	62.9	47.9	41.0	43.8	51.1
1890.....	38.8	39.4	34.5	51.3	59.2	73.3	73.0	68.8	62.1	52.7	42.2	31.2	52.2
1891.....	33.0	36.0	35.0	52.0	58.0	71.0	69.0	70.0	67.0	51.0	40.0	39.0	51.8
1892.....	24.0	35.0	35.0	49.0	59.0	73.0	73.0	71.0	64.0	52.0	38.0	29.0	50.2
1893.....	18.0	29.0	38.0	50.2	58.3	70.6	74.5	70.7	65.2	53.7	39.3	32.7	50.0
1894.....	33.7	28.9	45.1	50.6	60.0	71.3	74.3	71.2	67.8	53.9	37.5	33.9	52.4
1895.....	23.4	19.6	35.5	51.7	61.1	72.0	71.6	73.5	69.0	46.9	41.9	33.9	50.0
1896.....	29.4	30.5	32.4	56.9	67.9	69.5	73.2	71.8	62.7	49.0	45.1	32.9	51.8
1897.....	25.5	32.4	41.5	49.3	56.3	68.1	75.5	69.4	66.9	58.1	42.2	32.8	51.5
1898.....	32.4	30.0	45.0	47.2	61.0	71.9	76.0	73.5	67.8	54.1	38.8	28.8	52.2
1899.....	27.8	21.6	36.9	53.3	63.3	71.5	74.1	73.7	64.1	57.4	43.9	30.2	51.5
1900.....	31.1	26.0	32.9	50.1	62.9	69.8	74.1	76.3	69.3	60.5	41.6	31.6	52.2
1901.....	29.2	21.1	39.5	46.7	59.0	70.9	78.1	73.1	64.8	53.8	37.7	27.9	50.2
1902.....	27.3	22.3	41.9	48.2	62.6	66.9	74.0	68.9	63.6	54.6	48.5	29.4	50.7
1903.....	27.1	29.9	46.7	49.9	63.9	64.4	72.9	70.7	65.6	54.0	37.2	23.4	50.5
1904.....	20.7	22.9	39.7	44.4	60.7	68.4	71.4	68.8	65.5	52.2	40.5	28.0	48.6
1905.....	22.7	20.8	42.7	48.5	60.7	69.2	73.0	71.7	65.3	52.6	39.6	32.9	50.0
1906.....	35.7	27.3	31.3	52.1	61.3	69.8	72.1	74.6	68.9	52.7	41.1	32.3	51.6
1907.....	32.2	26.0	45.9	42.5	54.5	65.6	72.6	69.5	65.5	48.8	39.1	33.0	49.6
1908.....	29.1	27.7	43.4	51.0	62.8	69.2	73.9	71.2	68.0	54.1	41.7	33.1	52.1
1909.....	32.2	34.7	37.3	49.1	58.7	70.1	70.7	71.9	63.2	48.8	48.9	25.4	50.9
1910.....	27.6	25.5	48.2	51.5	56.0	65.9	73.8	71.4	66.3	56.7	36.3	25.5	50.4
1911.....	32.8	34.5	37.4	47.7	66.3	70.9	74.0	72.5	67.5	53.3	37.6	36.3	52.6
1912.....	17.9	22.4	32.9	51.9	62.5	66.6	73.4	69.2	67.4	54.8	42.2	33.8	49.6
1913.....	36.0	26.7	40.1	50.0	60.3	69.8	74.5	73.3	64.1	54.1	44.4	34.5	52.3
1914.....	33.4	22.1	36.0	50.1	62.2	71.1	74.0	72.8	63.4	56.9	42.1	27.0	50.9
1915.....	26.3	35.2	33.2	54.8	57.8	66.8	71.5	67.5	67.0	55.4	44.3	30.4	50.8
1916.....	35.5	26.5	34.7	49.3	61.8	64.7	76.9	74.4	63.7	53.2	42.6	29.1	51.0
1917.....	28.0	25.4	39.6	48.7	54.1	66.9	72.3	71.3	61.9	46.7	38.7	21.4	47.9
1918.....	14.9	31.0	44.0	48.7	66.4	68.8	71.3	76.6	58.4	56.6	42.3	39.3	51.5
1919.....	32.9	32.5	41.0	49.7	58.6	74.2	75.1	70.5	66.7	59.5	41.2	25.7	52.3
1920.....	22.1	27.4	41.7	45.8	58.3	68.9	70.4	70.3	66.4	58.5	40.4	33.8	50.3
1921.....	33.2	34.3	48.9	55.1	62.1	73.4	77.8	70.6	70.1	53.7	42.9	33.7	54.6
1922.....	26.4	33.9	42.2	52.6	64.0	70.9	72.9	70.5	68.2	55.8	43.9	32.5	52.8
1923.....	32.5	26.4	37.7	48.4	58.3	71.0	72.8	70.7	65.7	51.2	41.3	40.8	51.4
1924.....	25.0	28.7	36.2	49.8	54.6	68.0	70.3	72.0	60.8	56.1	41.4	28.5	49.3
1925.....	27.2	36.3	41.8	54.2	55.6	73.0	72.0	72.0	70.1	46.3	39.6	29.0	51.4
1926.....	27.2	31.7	33.2	44.4	60.5	65.9	72.9	74.0	66.6	53.7	40.3	29.5	50.0
1927.....	28.0	36.7	42.7	49.8	60.1	64.6	72.6	66.4	68.1	57.2	46.6	31.9	52.1
1928.....	29.1	31.2	38.1	46.5	59.1	65.0	73.7	74.0	61.6	57.3	43.3	34.6	51.1
1929.....	25.8	25.1	45.8	53.2	58.5	67.1	72.9	68.0	65.5	52.0	39.0	31.8	50.4
1930.....	27.8	38.7	38.3	52.1	62.8	70.0	75.6	72.0	67.7	51.1	42.6	30.9	52.5
1931.....	31.8	35.2	36.2	50.1	59.1	70.8	77.2	72.7	70.3	57.3	50.2	39.8	54.2
1932.....	39.8	38.0	33.7	48.5	61.6	71.0	73.8	72.8	66.0	54.4	39.2	32.1	52.6
1933.....	37.7	31.9	38.4	50.9	63.6	74.4	74.7	72.1	69.1	52.4	38.9	34.4	53.2
1934.....	33.3	20.3	35.3	49.5	64.1	76.0	78.6	71.9	67.8	54.3	45.6	30.4	52.2
1935.....	29.9	31.4	46.2	47.5	56.3	67.4	76.7	73.2	64.4	54.0	42.8	25.4	51.3
1936.....	22.7	22.7	43.0	46.2	64.1	70.3	77.0	76.1	69.3	54.2	37.8	35.4	51.6
1937.....	35.9	31.6	34.9	49.7	60.5	69.7	73.2	74.7	63.0	51.8	39.4	28.9	51.1
Means.....	28.5	29.2	38.7	49.7	60.5	69.5	73.7	71.6	65.6	53.4	41.4	31.6	51.1

TABLE 9.—Precipitation for the State, by months and years

Year	Number of stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1854..	17	3.46	3.42	4.82	5.13	5.03	2.81	2.65	2.05	1.62	4.22	2.54	1.99	39.74
1855..	18	2.54	1.63	3.10	2.44	4.08	8.57	5.79	3.81	5.67	3.10	4.98	3.73	49.44
1856..	22	1.57	1.77	1.03	1.80	3.36	3.65	2.61	2.16	2.23	1.82	3.21	2.81	28.02
1857..	19	1.36	2.51	1.27	2.81	5.03	4.44	4.90	3.80	1.59	4.29	5.53	3.67	41.20
1858..	29	3.57	2.24	1.25	4.94	7.69	5.08	4.72	4.39	1.59	3.37	3.73	5.36	47.93
1859..	33	2.31	4.17	4.21	5.44	2.49	4.26	1.55	4.05	3.64	2.09	4.18	4.27	42.66
1860..	20	2.24	1.88	1.25	5.71	2.52	2.01	5.76	3.04	3.42	5.13	3.69	2.43	37.08
1861..	30	2.31	1.93	3.13	4.37	4.19	2.75	3.33	4.68	3.26	3.04	3.85	1.52	38.36
1862..	35	4.14	2.72	4.38	4.42	3.81	4.09	3.59	1.73	1.48	2.22	3.34	4.00	39.32
1863..	32	5.59	3.09	2.96	1.66	2.22	1.98	2.55	2.59	2.22	3.28	3.00	3.13	34.27
1864..	26	2.12	1.37	2.37	2.96	3.07	2.58	2.06	4.52	5.32	2.49	3.64	3.47	35.97
1865..	26	2.41	2.08	4.40	3.97	5.29	3.88	5.70	2.95	6.11	1.63	.86	3.69	42.97
1866..	28	2.72	2.22	4.36	2.01	2.25	5.57	5.11	4.12	9.67	2.68	3.76	2.75	47.22
1867..	27	2.32	3.68	3.00	3.18	4.33	3.03	3.19	2.11	.82	2.84	2.24	3.65	34.39
1868..	27	2.58	1.09	6.16	3.39	5.35	5.40	2.68	4.49	5.55	1.25	2.11	1.75	41.80
1869..	34	2.26	3.24	4.15	2.87	6.08	5.10	4.76	1.61	4.08	2.39	4.00	3.07	43.61
1870..	35	6.04	2.37	4.13	2.25	1.81	3.85	4.73	2.57	1.88	3.40	2.04	2.74	37.81
1871..	37	1.87	2.59	2.92	2.25	2.64	3.78	3.66	5.80	.70	1.33	2.04	2.36	31.94
1872..	33	1.18	1.39	1.47	3.45	3.27	2.64	6.69	4.12	2.55	2.79	1.20	2.51	33.26
1873..	37	3.01	2.31	3.26	3.98	3.30	3.76	6.20	2.94	2.45	3.56	2.34	5.33	42.44
1874..	31	4.66	4.18	2.56	3.59	1.84	3.17	3.75	2.24	2.41	.91	3.56	2.35	35.22
1875..	27	1.61	1.56	3.32	1.72	3.91	6.26	6.92	4.17	2.74	2.94	3.71	3.67	42.53
1876..	27	5.44	3.78	4.54	2.22	3.69	4.01	6.45	3.72	5.49	3.05	2.57	1.79	46.75
1877..	22	2.44	4.28	5.78	2.39	1.84	6.85	3.72	2.91	1.26	2.38	3.28	2.14	39.27
1878..	22	3.73	2.16	3.73	2.67	2.72	3.23	5.45	3.19	4.53	3.06	2.67	3.70	40.84
1879..	22	2.17	2.45	3.80	1.49	2.28	4.15	4.25	5.39	3.78	.72	3.99	4.44	38.91
1880..	20	4.08	3.19	3.03	5.17	3.94	5.14	4.25	4.84	2.33	2.47	3.24	2.55	44.23
1881..	20	2.64	3.72	4.01	2.72	1.54	5.79	3.62	1.16	2.86	5.45	4.16	4.60	42.27
1882..	30	3.87	4.40	4.06	2.56	6.73	4.73	3.18	4.99	2.70	1.99	2.12	1.90	43.23
1883..	27	2.40	6.49	2.18	3.06	5.72	4.25	4.16	1.88	2.72	4.66	3.51	3.95	44.98
1884..	28	2.72	5.52	3.51	2.01	3.87	2.96	3.83	1.45	3.36	1.88	1.39	3.69	36.19
1885..	39	4.16	1.85	.81	3.17	3.97	4.34	3.20	6.33	2.49	3.30	2.70	1.74	38.06
1886..	40	3.49	1.42	2.73	2.57	4.23	3.53	2.88	3.62	4.02	1.27	4.23	2.72	36.71
1887..	42	2.08	6.11	2.23	3.83	2.87	3.77	2.16	2.39	2.17	.75	2.81	2.46	33.63
1888..	46	3.65	1.74	3.55	1.99	3.77	3.41	4.40	5.16	2.27	3.98	4.25	1.47	39.64
1889..	63	3.13	1.35	1.38	1.79	3.71	4.13	4.19	1.50	3.62	1.78	4.02	2.81	33.41
1890..	66	4.94	5.25	5.29	3.45	5.52	4.50	1.99	4.66	5.56	4.27	2.53	2.37	50.33
1891..	65	2.82	4.91	4.19	2.13	2.20	4.82	3.82	3.07	1.50	1.76	5.00	2.39	38.61
1892..	104	2.11	3.03	2.86	3.32	6.32	5.61	3.80	2.99	2.36	.73	2.32	1.71	37.16
1893..	137	2.56	5.13	2.09	6.37	4.97	3.34	2.49	2.17	1.57	4.24	2.09	2.61	39.63
1894..	144	2.14	2.79	2.16	2.31	4.00	2.65	1.56	1.67	3.31	2.01	2.17	2.98	29.75

TABLE 9.—Precipitation for the State, by months and years—continued

Year	Number of stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1895..	142	4.00	0.69	1.59	2.11	1.80	2.47	2.00	2.96	1.66	1.22	4.11	3.85	28.46
1896..	143	1.67	2.21	3.34	2.78	2.67	4.81	8.11	3.38	5.13	1.20	2.63	1.65	39.58
1897..	143	1.93	3.64	5.17	3.27	3.93	2.85	4.65	2.72	.78	.64	6.62	2.39	38.59
1898..	132	5.25	2.32	6.23	2.38	4.10	2.86	3.98	4.50	2.56	3.72	3.17	2.71	43.78
1899..	134	3.01	2.11	4.64	1.61	4.32	2.94	4.17	1.82	2.68	2.14	1.72	3.16	34.32
1900..	131	2.37	3.46	2.35	1.89	2.40	3.01	4.62	3.68	1.76	1.89	4.15	1.24	32.82
1901..	138	1.70	1.24	2.66	3.40	3.96	4.44	2.72	3.33	2.86	.73	1.53	3.79	32.36
1902..	134	1.42	.88	2.76	2.21	3.09	7.48	4.69	1.67	4.55	2.28	2.60	3.95	37.58
1903..	131	2.36	4.95	3.51	4.01	2.82	4.02	3.67	3.20	1.52	2.62	2.10	2.07	36.85
1904..	108	3.85	2.69	5.67	3.53	3.79	2.88	4.13	2.74	1.95	1.50	.37	3.09	36.19
1905..	106	1.73	1.58	2.50	3.10	5.63	4.72	3.93	4.46	2.86	3.65	2.63	2.29	39.08
1906..	105	1.98	1.16	3.97	1.89	2.17	3.42	5.14	4.77	2.92	3.19	2.59	3.68	36.88
1907..	103	6.06	.85	5.55	2.74	3.47	4.57	5.36	2.48	3.92	2.76	1.93	3.16	42.85
1908..	103	1.82	4.10	5.43	3.71	4.72	2.51	4.08	2.59	.58	1.17	1.06	2.33	34.10
1909..	106	3.24	5.39	2.77	4.13	4.72	2.86	3.76	3.56	1.78	2.31	2.52	2.62	42.66
1910..	104	4.43	4.05	.26	3.49	3.80	2.66	3.17	1.58	4.05	4.19	1.89	2.41	36.03
1911..	104	3.90	1.95	2.33	4.35	1.69	3.92	2.40	5.39	4.87	4.99	2.91	3.93	42.63
1912..	109	2.12	2.08	4.17	4.47	3.12	3.17	5.70	4.08	3.11	2.44	1.10	2.26	37.82
1913..	110	7.01	1.94	8.40	3.35	3.53	1.87	5.20	2.52	2.37	3.36	3.52	1.68	44.75
1914..	126	2.30	3.04	2.41	4.01	3.11	3.14	2.19	5.08	1.41	3.42	1.53	3.77	35.41
1915..	129	3.40	1.96	1.44	1.42	3.99	4.36	6.32	4.52	4.51	2.39	2.68	3.84	40.83
1916..	146	5.07	1.83	4.15	2.35	4.27	4.86	1.92	3.11	2.56	2.12	2.11	2.89	37.24
1917..	144	3.78	1.43	3.65	3.38	4.18	4.99	3.88	2.70	1.86	4.81	.54	1.31	36.51
1918..	140	3.23	2.16	2.49	3.23	4.49	2.68	2.61	3.64	3.75	2.71	2.02	3.53	36.54
1919..	140	1.60	1.19	4.04	3.02	4.78	2.88	4.02	4.46	1.90	6.29	4.02	2.13	40.33
1920..	137	2.61	1.05	2.72	5.78	2.45	4.53	4.50	4.36	2.56	1.97	2.82	2.14	37.49
1921..	144	2.46	2.05	5.94	3.90	3.20	2.81	2.93	4.21	4.29	2.18	5.66	3.34	42.97
1922..	135	1.62	1.68	5.15	4.52	4.69	2.98	3.70	3.26	2.81	1.78	1.56	3.29	37.04
1923..	137	3.46	2.01	3.00	2.60	3.56	3.38	3.57	4.34	3.12	1.61	2.45	5.92	39.02
1924..	87	3.73	2.02	3.53	2.71	4.10	6.38	2.84	2.12	4.80	.26	1.44	3.41	37.34
1925..	87	1.69	2.25	2.63	2.04	2.61	2.85	4.69	2.34	3.76	4.37	4.06	.82	34.11
1926..	88	2.39	3.07	2.28	3.17	2.51	3.11	4.29	5.92	7.28	5.14	2.15	2.38	43.69
1927..	89	3.33	2.49	3.83	4.13	4.73	3.62	4.54	2.50	2.18	1.66	6.07	3.93	43.01
1928..	86	1.70	2.83	2.84	3.06	1.77	6.79	4.75	2.65	.90	2.58	3.00	2.02	34.89
1929..	88	4.36	2.37	2.83	4.88	5.33	4.01	4.84	2.73	3.02	4.18	3.81	3.41	45.77
1930..	90	4.69	2.63	2.77	2.11	1.80	2.34	1.53	2.35	2.72	1.32	1.55	1.19	27.00
1931..	88	1.23	1.85	2.14	4.31	3.07	3.58	3.77	4.99	4.01	2.42	2.70	3.52	37.59
1932..	88	5.28	1.27	2.92	2.29	1.78	3.79	4.29	2.06	2.80	3.47	3.09	3.58	36.62
1933..	88	1.93	1.81	5.54	3.74	6.44	1.78	2.47	3.43	4.65	1.36	1.49	2.75	37.39
1934..	87	1.55	1.03	2.81	2.25	.79	3.52	2.64	4.20	3.82	.59	1.92	1.44	26.56
1935..	89	2.62	1.79	3.35	1.95	4.88	3.96	4.93	6.06	2.88	2.03	2.62	2.47	39.54
1936..	88	1.65	2.55	3.65	2.92	1.78	1.74	3.06	3.59	3.18	4.00	2.66	2.31	33.09
1937..	87	9.42	1.72	1.65	3.95	3.70	6.07	4.27	3.20	2.45	3.39	1.30	2.91	44.03
Mean	.....	3.11	2.56	3.35	3.13	3.65	3.78	3.79	3.38	2.98	2.59	2.72	2.75	38.60

TABLE 10.—Snowfall for the State, by months and years

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1891	13.6	2.1	8.4	1.6	T					T	4.0	0.3	34.7
1892	17.6	4.5	6.8	.7						T	4.8	4.3	40.9
1893	17.6	11.8	2.1	2.3						T	.1	7.0	49.2
1894	3.3	2.5	3.2	.1	T					T	4.6	5.5	39.2
1895	15.5	5.8	4.4	.2	T					0.2	1.0	7.1	34.2
1896	1.6	8.8	14.3	.4						T	.2	2.5	28.3
1897	7.6	3.5	2.8	1.3	T					T	.3	5.8	21.3
1898	3.8	6.9	3.2	.4	T					T	3.0	8.7	26.0
1899	6.9	6.1	9.3	.2					T	T	.3	8.6	31.4
1900	2.6	8.7	4.9	.7	T					T	4.9	3.8	25.6
1901	7.2	6.1	2.6	9.6	T					T	1.8	5.1	32.4
1902	8.2	5.1	4.1	2.1	T					T	1.7	10.2	31.4
1903	10.4	7.9	.2	.3	T					T	3.6	6.9	29.3
1904	13.8	5.0	2.3	.6	T					T	.9	7.1	29.7
1905	10.3	7.3	4.4	2.0	T					T	.5	2.3	22.8
1906	4.4	6.8	18.6	.1	.1					1.1	1.7	7.1	39.9
1907	8.4	5.0	3.4	2.0	.1	T			T	T	.3	4.5	23.7
1908	5.0	11.2	2.4	2.3	.1					T	.7	3.8	25.5
1909	14.6	5.1	3.6	1.0	.1					T	.4	11.5	36.3
1910	21.0	22.8	.3	3.3	T					.3	3.5	11.1	62.3
1911	9.6	7.3	5.2	2.2						T	3.6	5.7	33.6
1912	10.6	9.8	6.9	2.1	T					T	.6	3.9	33.9
1913	8.6	6.9	5.1	T					T	.3	10.8	3.7	35.4
1914	10.5	17.8	4.8	.8						T	.9	9.9	44.7
1915	14.8	1.9	2.5	T						T	1.1	11.1	31.4
1916	2.0	8.4	8.8	3.3	T					T	1.4	11.3	35.2
1917	11.0	6.6	7.7	.7	T					2.2	1.9	13.2	43.3
1918	23.4	1.2	.6	3.7	T					T	.1	1.2	30.2
1919	1.3	2.3	1.4	T						T	.2	5.1	10.3
1920	10.6	4.1	1.1	3.3	T					T	7.2	4.1	30.4
1921	2.2	5.4	.4	.8	T					T	2.3	4.9	16.0
1922	4.5	2.6	4.1	.6						T	1.0	4.9	17.7
1923	4.0	5.8	4.0	.1	1.0					T	.2	1.2	16.3
1924	5.7	6.7	6.3	2.3						T	3.5	3.5	28.0
1925	11.5	1.8	1.3	T	T					4.0	.6	2.8	22.0
1926	13.0	10.7	5.5	1.6	T					.1	.7	7.2	38.8
1927	5.7	8.1	T	.1						T	1.3	2.9	18.1
1928	1.9	5.0	4.9	.4					T	T	1.4	.3	13.9
1929	9.3	9.0	2.0	T	T					T	1.3	10.2	31.8
1930	6.2	1.2	4.6	.2						.1	2.6	3.8	18.7
1931	2.7	1.8	6.2	2.0	T					T	2.2	T	14.9
1932	.1	1.2	3.2	.5						T	3.2	5.1	13.3
1933	.4	3.3	3.0	T	T					T	4.5	6.6	17.8
1934	1.8	10.8	6.9	.7						.1	.5	5.4	26.2
1935	3.0	5.6	.1	.5	T					T	.6	13.7	23.5
1936	11.2	8.3	6.3	.9						T	4.5	3.9	35.1
1937	5.1	3.3	4.3	T						.1	2.9	3.4	19.1
Means	8.0	6.4	4.4	1.2	T	T			T	.2	2.1	5.8	28.1

TABLE 11.—Frost data and average length of growing season at different stations

Station	Years of record	Average date of last killing frost in spring	Average date of first killing frost in autumn	Latest date of killing frost in spring	Earliest date of killing frost in autumn	Average length of growing season, days
Akron	36	Apr. 29	Oct. 15	May 27	Sept. 26	169
Amesville	25	May 5	Oct. 11	May 28	Sept. 19	159
Ashland	22	May 2	Oct. 5	May 27	Sept. 15	156
Bangorville	42	May 3	Oct. 11	May 29	Sept. 14	161
Batavia	14	Apr. 23	Oct. 18	May 25	Sept. 24	178
Bellevue	34	May 6	Oct. 9	May 28	Sept. 14	156
Benton Ridge	32	May 7	Oct. 7	May 31	Sept. 11	153
Bladensburg	17	May 12	Oct. 3	June 8	Sept. 14	144
Bowling Green	35	May 8	Oct. 7	May 31	Sept. 14	152
Bucyrus	34	May 7	Oct. 5	May 29	Sept. 11	151
Cadiz	25	Apr. 30	Oct. 16	May 28	Sept. 22	169
Cambridge	35	May 6	Oct. 7	June 7	Sept. 11	154
Camp Dennison	22	Apr. 24	Oct. 14	May 17	Sept. 23	173
Canfield	12	May 11	Oct. 2	May 25	Sept. 14	144
Canton	36	May 1	Oct. 14	May 27	Sept. 22	166
Cardington	18	May 7	Oct. 7	June 8	Sept. 14	153
Catawba Island	12	Apr. 19	Oct. 30	Apr. 27	Oct. 13	194
Cincinnati	58	Apr. 9	Oct. 23	Apr. 26	Sept. 30	197
Circleville	34	Apr. 29	Oct. 13	May 25	Sept. 22	167
Clarington	23	Apr. 27	Oct. 22	May 28	Oct. 2	178
Clarksville	17	Apr. 20	Oct. 11	May 15	Sept. 21	174
Cleveland	47	Apr. 16	Nov. 4	May 21	Oct. 2	202
Coalton	14	Apr. 30	Oct. 2	May 23	Sept. 14	155
Columbus	50	Apr. 18	Oct. 19	May 17	Sept. 21	184
Coshocton	13	May 5	Oct. 10	May 27	Sept. 11	158
Danbury	13	Apr. 22	Oct. 26	May 10	Oct. 7	187
Dayton (W. B.)	17	Apr. 17	Oct. 25	May 25	Oct. 6	191
Dayton (Boyer)	29	Apr. 26	Oct. 14	May 21	Sept. 21	171
Defiance	18	May 4	Oct. 3	May 28	Sept. 14	152
Delaware	32	May 6	Oct. 5	May 28	Sept. 11	152
Demos	37	Apr. 30	Oct. 17	May 25	Sept. 22	170
Dennison	19	May 10	Oct. 14	June 8	Sept. 22	157
Dover	33	May 8	Oct. 7	June 8	Sept. 14	152
Findlay	36	May 6	Oct. 7	May 31	Sept. 11	154
Frankfort	28	Apr. 26	Oct. 13	May 28	Sept. 19	170
Fremont	27	May 2	Oct. 15	May 28	Sept. 23	166
Garrettsville	27	May 18	Sept. 30	June 10	Sept. 14	135
Germantown	15	Apr. 27	Oct. 14	May 25	Sept. 14	170
Granville	40	May 2	Oct. 9	May 28	Sept. 15	160
Gratiot	24	May 3	Oct. 8	May 28	Sept. 14	158
Green	32	Apr. 23	Oct. 19	May 15	Sept. 30	179
Green Hill	32	May 16	Oct. 1	June 10	Sept. 14	138
Greenville	37	Apr. 23	Oct. 16	May 25	Sept. 23	176
Hamilton	15	Apr. 25	Oct. 18	May 25	Sept. 23	176
Hillhouse	28	May 17	Oct. 9	June 21	Sept. 16	145
Hillsboro	27	Apr. 28	Oct. 11	May 25	Sept. 19	166
Hiram	35	May 1	Oct. 18	May 28	Sept. 22	170
Hudson	27	May 6	Oct. 11	May 29	Sept. 21	158
Ironton	36	Apr. 24	Oct. 18	May 22	Sept. 30	177
Jackson	14	Apr. 26	Oct. 11	May 15	Sept. 19	168
Jacksonburg	22	Apr. 28	Oct. 17	May 21	Sept. 23	172
Kenton	36	May 6	Oct. 10	June 8	Sept. 11	157
Kilbuck	25	May 4	Oct. 4	May 31	Sept. 14	153
Lancaster	33	Apr. 25	Oct. 13	May 27	Sept. 14	171
Lima	28	May 4	Oct. 13	May 28	Sept. 19	162
London	11	May 4	Oct. 20	May 25	Sept. 24	169

TABLE 11.—Frost data and average length of growing season
at different stations—continued

Station	Years of record	Average date of last killing frost in spring	Average date of first killing frost in autumn	Latest date of killing frost in spring	Earliest date of killing frost in autumn	Average length of growing sea- son, days
McArthur.....	18	May 1	Oct. 1	May 27	Sept. 11	157
McConneville.....	45	Apr. 30	Oct. 14	May 28	Sept. 26	167
Marietta.....	45	Apr. 20	Oct. 21	May 15	Sept. 26	184
Marietta Exp. Farm.....	13	May 1	Oct. 16	May 15	Sept. 27	168
Marion.....	37	May 3	Oct. 11	May 29	Sept. 14	161
Marysville.....	12	May 6	Oct. 8	May 25	Sept. 11	155
Medina.....	34	May 11	Oct. 9	June 10	Sept. 21	151
Millersburg.....	33	May 7	Oct. 6	May 31	Sept. 14	152
Millersburg.....	10	May 11	Oct. 11	May 27	Sept. 15	153
Milligan.....	26	May 9	Oct. 4	June 11	Sept. 14	148
Millport.....	33	May 12	Oct. 6	June 10	Sept. 12	145
Montpelier.....	28	May 2	Oct. 6	May 28	Sept. 19	157
Mt. Healthy.....	15	Apr. 22	Oct. 18	May 25	Sept. 24	179
Napoleon.....	36	May 1	Oct. 9	May 31	Sept. 15	161
New Alexandria.....	27	Apr. 30	Oct. 12	May 28	Sept. 26	165
New Bremen.....	33	May 1	Oct. 11	May 29	Sept. 14	163
New Waterford.....	19	May 17	Oct. 3	June 10	Sept. 14	139
North Bass Island.....	11	Apr. 13	Nov. 5	Apr. 26	Oct. 13	206
North Lewisburg.....	21	May 1	Oct. 9	May 25	Sept. 23	161
North Royalton.....	30	May 4	Oct. 14	May 28	Sept. 22	163
Norwalk.....	35	May 8	Oct. 9	June 7	Sept. 14	154
Oberlin.....	35	May 9	Oct. 10	June 6	Sept. 22	154
Ohio State University.....	35	Apr. 29	Oct. 11	May 25	Sept. 14	165
Orangeville.....	18	May 14	Sept. 30	May 29	Sept. 14	140
Ottawa.....	34	May 6	Oct. 7	May 27	Sept. 11	154
Pataskala.....	36	May 2	Oct. 7	May 28	Sept. 11	158
Paulding.....	33	May 10	Oct. 4	May 31	Sept. 11	147
Peebles.....	18	May 10	Oct. 12	May 26	Sept. 19	155
Philo (1).....	33	Apr. 27	Oct. 12	May 28	Sept. 19	168
Philo (2).....	26	May 2	Oct. 15	May 28	Sept. 26	166
Plattsburg.....	25	May 1	Oct. 7	May 28	Sept. 19	159
Pomeroy.....	18	Apr. 23	Oct. 11	May 22	Sept. 30	171
Portsmouth.....	40	Apr. 17	Oct. 20	May 17	Sept. 30	186
Put-in-Bay.....	12	Apr. 18	Nov. 4	Apr. 29	Oct. 18	200
Rocky Ridge.....	16	May 1	Oct. 12	May 21	Sept. 20	164
Sandusky.....	50	Apr. 15	Oct. 26	May 3	Oct. 3	194
Shenandoah.....	18	May 12	Oct. 6	June 6	Sept. 14	147
Sidney.....	34	May 1	Oct. 11	May 31	Sept. 14	163
Somerset.....	21	Apr. 23	Oct. 15	May 28	Sept. 27	175
Summerfield.....	22	May 11	Oct. 8	June 8	Sept. 11	150
Thurman.....	25	Apr. 22	Oct. 12	May 22	Sept. 21	173
Tiffin.....	40	May 1	Oct. 11	May 25	Sept. 11	163
Toboso.....	16	May 11	Oct. 6	May 27	Sept. 11	148
Toledo.....	58	Apr. 22	Oct. 18	May 29	Sept. 9	179
Upper Sandusky.....	36	May 4	Oct. 7	June 6	Sept. 11	156
Urbana.....	33	May 1	Oct. 11	May 28	Sept. 11	163
Valley Crossing.....	13	Apr. 29	Oct. 16	May 25	Sept. 26	170
Vickery.....	35	May 7	Oct. 11	June 6	Sept. 15	157
Wapakoneta.....	16	Apr. 29	Oct. 8	May 25	Sept. 11	162
Warren.....	35	May 12	Oct. 5	June 10	Sept. 14	146
Wauseon.....	59	May 10	Oct. 2	June 1	Sept. 2	145
Waverly.....	37	Apr. 29	Oct. 10	May 28	Sept. 19	164
Waynesville.....	32	Apr. 29	Oct. 16	May 28	Sept. 14	170
Wellington.....	16	May 9	Oct. 10	June 6	Sept. 22	153
Wilmington.....	12	May 7	Oct. 8	May 27	Sept. 11	154
Wooster (1).....	44	May 8	Oct. 8	June 10	Sept. 14	153

**TABLE 12.—Mean temperature, by months and years, at
Germantown, Montgomery County**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1915.....	26.6	38.2	34.8	56.6	59.8	68.4	72.8	68.0	68.0	56.7	46.0	31.8	52.3
1916.....	36.4	28.6	37.2	51.0	63.5	65.8	78.2	75.4	65.0	54.0	43.8	30.7	52.5
1917.....	29.4	29.4	41.8	50.8	55.3	67.3	72.1	71.8	62.9	47.6	41.0	21.3	49.2
1918.....	15.2	32.2	44.3	50.0	66.4	69.6	71.6	77.6	58.6	58.6	43.0	41.6	52.4
1919.....	34.2	34.1	42.6	51.2	58.4	74.5	75.8	72.0	68.3	60.5	42.6	26.7	53.4
1920.....	24.6	29.7	42.8	46.8	59.8	69.3	71.4	70.4	67.3	59.6	41.6	34.7	51.5
1921.....	34.1	36.2	51.2	55.4	63.7	75.6	79.8	72.1	70.6	54.2	44.7	35.4	56.1
1922.....	28.2	35.0	44.6	54.6	65.2	72.8	74.7	71.9	70.8	57.7	45.4	33.9	54.6
1923.....	34.5	28.8	40.8	49.8	59.8	71.7	74.8	72.7	66.6	52.2	43.0	42.1	53.1
1924.....	26.2	30.9	37.2	52.8	55.4	69.8	70.8	72.6	61.9	58.3	43.0	29.6	50.7
1925.....	29.3	39.2	44.0	56.6	56.9	74.2	73.4	72.7	72.0	47.2	40.8	30.0	53.0
1926.....	28.6	34.3	34.5	46.2	62.2	67.0	74.4	74.6	68.0	56.0	40.6	31.0	51.4
1927.....	29.6	39.4	44.0	52.2	61.6	65.6	73.4	67.0	69.6	58.6	47.7	33.0	53.5
1928.....	30.4	32.4	40.2	48.2	60.4	65.7	74.4	74.8	63.1	58.8	43.9	35.8	52.3
1929.....	27.7	25.2	48.3	55.0	59.3	68.2	73.6	69.8	66.4	52.9	40.3	33.2	51.6
1930.....	30.0	41.5	40.6	55.0	64.6	72.1	77.9	74.4	68.7	52.8	43.6	31.7	54.4
1931.....	33.8	38.4	37.3	52.8	59.9	73.4	78.6	73.2	71.0	58.2	51.6	41.3	55.8
1932.....	40.4	40.4	36.3	51.2	62.6	73.2	76.5	73.6	66.9	54.9	40.4	32.4	54.1
1933.....	38.6	33.4	40.6	51.1	64.8	76.2	75.8	73.0	71.0	53.6	40.4	36.4	54.6
1934.....	35.0	23.5	37.3	51.4	65.0	77.6	81.6	74.0	68.1	55.5	46.6	31.4	53.9
1935.....	31.5	33.6	48.4	49.6	58.2	68.8	78.0	74.4	66.2	55.6	43.3	25.8	52.8
1936.....	23.4	25.2	46.3	47.6	65.3	72.9	81.7	79.6	70.7	55.0	38.5	36.4	53.5
1937.....	37.0	33.2	37.2	52.0	60.9	70.8	73.2	75.8	63.8	52.3	40.6	29.9	52.2
Average.....	30.6	33.1	41.4	51.6	61.3	70.9	75.4	73.1	67.2	55.2	43.1	32.9	52.99

**TABLE 13.—Mean temperature, by months and years, at
Carpenter, Meigs County**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1925.....	33.2	40.3	46.1	54.6	56.6	57.0	72.7	70.9	71.0	48.7	39.5	31.1	51.8
1926.....	29.5	35.7	36.3	49.1	60.6	66.1	71.6	73.5	68.8	57.2	42.7	34.1	52.1
1927.....	30.3	39.2	43.8	50.6	61.0	64.2	70.9	66.2	66.8	57.7	48.8	33.3	52.7
1928.....	31.0	34.9	41.7	49.6	59.0	66.2	73.9	75.1	61.7	57.9	44.1	36.2	52.6
1929.....	32.4	40.8	48.1	56.4	61.7	69.2	74.1	68.9	68.2	53.5	41.3	37.4	54.3
1930.....	34.0	41.3	40.4	55.2	64.6	72.1	76.9	72.2	70.9	54.6	45.4	33.7	55.1
1931.....	35.4	38.2	39.2	52.2	62.1	72.7	77.9	74.8	71.8	57.1	52.0	42.9	56.4
1932.....	43.3	42.3	37.0	52.4	63.3	72.3	74.6	74.3	67.8	57.1	41.5	34.7	55.1
1933.....	41.5	35.6	41.8	54.1	65.9	73.4	74.0	73.0	70.4	53.7	41.0	37.1	55.1
1934.....	38.0	28.6	43.7	56.9	67.9	77.9	78.9	72.6	67.8	52.1	45.0	32.1	55.1
1935.....	32.0	35.5	50.2	50.8	58.8	68.5	75.4	72.4	62.7	52.8	43.3	26.4	52.4
1936.....	23.5	25.5	44.7	47.8	63.7	70.4	75.1	74.6	68.5	53.8	38.7	36.1	51.9
1937.....	39.7	33.2	36.9	51.3	60.5	70.2	72.2	73.5	61.0	51.8	39.2	30.1	51.6
Average.....	34.1	36.2	42.3	52.4	62.0	69.2	74.5	72.5	67.5	54.5	43.3	34.2	53.55

**TABLE 14.—Mean temperature, by months and years, at
Strongsville, Cuyahoga County**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1925.....	26.2	33.8	40.2	52.2	55.1	74.8	73.3	71.9	67.6	44.5	38.1	27.6	50.4
1926.....	26.3	28.6	30.8	42.2	61.4	68.8	76.0	78.0	67.1	58.0	45.0	30.2	51.0
1927.....	29.1	37.7	45.0	52.6	60.7	64.4	73.7	70.5	72.0	59.4	45.5	30.9	53.5
1928.....	27.7	34.6	43.1	49.3	61.6	66.2	76.9	76.9	64.4	58.5	46.2	41.4	53.9
1929.....	29.9	27.0	47.5	53.5	59.7	67.6	74.4	69.3	68.0	56.9	40.6	31.4	52.1
1930.....	27.9	37.8	38.0	53.9	64.4	70.9	75.4	74.7	70.3	52.6	44.5	32.1	53.5
1931.....	31.7	36.1	36.3	47.5	58.8	68.7	75.6	71.3	69.1	56.5	49.2	36.2	53.2
1932.....	39.1	35.6	31.6	44.8	59.7	69.4	71.7	70.5	64.2	53.5	38.1	31.3	50.8
Average.....	29.7	33.9	39.1	49.5	60.2	68.8	74.6	72.9	67.8	55.0	43.4	32.9	52.3

TABLE 15.—Mean temperature, by months and years, at
London, Madison County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1919.....	32.2	32.8	41.5	50.8	58.0	73.2	75.2	70.5	67.4	60.1	40.8	25.0	52.3
1920.....	21.8	26.8	41.5	45.5	58.6	69.1	70.5	69.3	65.9	59.4	39.8	33.4	50.1
1921.....	33.0	33.9	50.3	54.8	61.8	72.7	77.7	70.2	69.8	53.2	42.5	33.2	54.4
1922.....	25.1	33.0	42.3	53.3	64.2	71.2	73.0	70.8	68.6	56.8	43.6	32.4	52.9
1923.....	32.5	26.8	37.8	49.0	58.8	70.6	73.9	71.2	64.1	51.8	40.6	40.7	51.5
1924.....	24.1	28.2	35.4	50.8	54.6	68.5	70.0	72.5	61.2	58.8	40.8	27.4	49.4
1925.....	26.5	36.8	42.6*	55.2	57.0	72.8	73.2	72.4	70.6	44.2	39.4	28.3	51.6
1926.....	25.6	30.9	32.0	44.7	59.6	65.0	72.8	72.8	66.2	52.1	38.6	29.2	49.1
1927.....	27.4	36.6	41.6	49.0	58.7	60.4	71.0	66.6	68.2	57.2	46.0	31.2	51.2
1928.....	28.4	30.2	37.4	45.9	59.0	64.1	73.8	75.2	66.0*	57.6	42.0	33.8	51.1
1929.....	24.8	24.0*	44.5	51.6	57.0	65.0	73.0	68.7*	63.8	51.8	37.0	31.2*	49.4
1930.....	26.7*	38.4	37.4	51.6	61.8	68.8	77.0	71.8	66.0	50.7	41.3	29.8	51.8
1931.....	31.2	35.6	35.6	48.6	57.6	71.6	77.0	71.6	70.4	57.0	49.6	39.4	53.8
1932.....	38.8	38.2	34.0	48.0	61.0	70.6	72.4	72.5	66.1	52.8	38.6	30.0	51.9
1933.....	36.8	31.0	38.3	49.4	62.7	74.6	74.4	72.2	67.6	51.6	38.4	32.6	52.5
1934.....	31.2	19.7	33.8	50.4	63.6	76.2	79.3	71.2	67.3	54.4	45.0	29.4	51.9
1935.....	29.6	31.8	47.2	46.8	55.0	67.8	77.2	73.2	64.6	54.6	42.8	24.4	51.2
1936.....	21.2	22.1	42.9	45.4	65.2	71.6	79.8	78.0	70.4	54.4	37.4	36.4	52.1
1937.....	36.2	30.6	35.4	49.8	60.0	69.2	72.4	74.3	63.2	52.0	38.6	28.4	50.8
Average.....	29.1	30.9	39.6	49.5	59.7	69.6	74.4	71.9	66.7	54.2	41.2	31.4	51.5

*From Urbana records.

TABLE 16.—Mean temperature, by months and years, at
Marietta, Washington County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	38.6	29.7	38.4	50.6	63.8	65.9	76.5	74.8	63.4	53.7	43.1	31.8	52.5
1917.....	30.6	29.8	40.7	51.7	56.0	67.3	72.8	72.2	62.5	49.2	39.3	24.0	49.7
1918.....	19.1	35.2	46.4	51.4	67.7	69.4	71.0	77.4	60.2	58.1	42.4	41.4	53.3
1919.....	33.9	35.0	44.4	51.4	61.7	73.8	75.2	70.6	66.8	62.0	43.6	28.2	53.9
1920.....	26.2	29.7	42.4	48.6	58.7	68.5	71.1	70.7	65.6	54.4	39.7	34.0	50.8
1921.....	33.5	35.8	50.8	54.7	62.7	73.6	77.5	72.0	72.2	54.4	45.4	35.8	55.7
1922.....	30.2	38.6	46.2	55.4	65.6	72.3	74.9	72.2	69.8	56.4	44.7	35.6	56.0
1923.....	35.3	30.4	42.2	51.2	61.1	72.4	73.6	72.5	67.2	52.4	42.0	43.6	53.8
1924.....	29.0	32.0	39.6	52.8	56.4	70.4	72.0	73.8	62.4	55.0	42.5	32.3	51.5
1925.....	31.4	38.8	44.5	56.2	57.8	73.6	72.6	72.2	72.6	49.2	40.1	31.6	53.4
1926.....	27.8	34.5	37.0	47.8	62.8	67.3	74.3	75.1	68.8	55.3	42.0	33.2	52.2
1927.....	31.8	39.4	45.2	52.8	63.0	66.4	72.8	67.8	67.4	57.0	47.8	33.7	53.8
1928.....	31.6	33.8	40.9	48.8	60.0	67.0	74.1*	76.2	62.4	57.4	44.9	36.0	52.8
1929.....	31.2	29.4	48.0	56.5	61.2	69.6	74.7	70.0	67.7	53.4	42.1	36.2	53.3
1930.....	33.2	40.6	41.4	55.8	64.7	72.1	77.2	73.2	69.8	51.8	43.3	33.9	51.4
1931.....	36.2	36.6	39.5	52.4	62.3	72.6	79.5	74.1	72.0	58.4	55.1	42.4	56.7
1932.....	42.8	41.6	37.6	52.2	64.4	73.4	76.3	74.1	68.5	57.4	41.6	35.5	55.4
1933.....	41.5	34.4	41.4	55.6	67.3	75.0	75.5	74.6	71.8	54.8	42.4	38.3	56.1
1934.....	37.6	24.0	39.0	54.0	66.0	77.6	79.8	74.0	69.4	54.9	47.2	34.3	54.8
1935.....	34.2	36.1	50.6	51.7	60.8	71.1	78.7	75.6	65.9	56.0	46.4	28.6	54.6
1936.....	26.0	28.1	46.0	50.1	66.2	73.8	77.8	77.6	71.6	56.8	40.4	38.1	54.4
1937.....	42.4	35.6	40.4	54.0	63.6	74.0	75.2	76.8	65.1	54.5	42.0	32.4	54.7
Average.....	32.9	34.0	42.8	52.5	62.4	71.2	75.1	73.5	67.4	55.1	43.5	34.6	53.7

*Readings from Government Station after June 1928.

TABLE 17.—Mean temperature, by months and years, at
Mt. Healthy, Hamilton County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	37.8	30.0	38.7	51.4	64.8	66.4	77.6	76.0	65.6	55.8	45.6	31.8	53.5
1917.....	32.0	30.8	42.8	51.5	56.6	68.5	73.0	72.8	64.6	48.2	41.9	21.7	50.4
1918.....	15.6	33.6	48.8	50.5	66.4	68.6	71.0	77.0	60.4	57.5	44.0	41.4	52.9
1919.....	35.2	34.4	45.8	51.0	59.1	74.3	76.6	72.4	70.3	61.2	43.1	28.0	54.3
1920.....	26.2	29.6	45.8	48.3	62.0	70.2	74.3	71.8	68.7	60.9	43.4	35.2	53.0
1921.....	35.6	37.8	53.1	56.4	64.8	76.2	79.8	74.2	72.6	55.4	46.4	37.1	57.4
1922.....	29.6	36.8	45.6	55.8	66.4	73.9	75.2	73.4	70.4	58.2	46.8	35.7	55.7
1923.....	36.2	28.8	41.0	51.4	60.7	72.0	73.8	73.0	67.4	54.0	43.6	42.8	53.7
1924.....	26.4	31.0	37.9	53.9	56.2	71.4	71.8	74.0	62.6	59.4	43.6	30.7	51.6
1925.....	30.5	40.2	45.0	57.4	56.7	73.9	73.8	72.9	73.4	48.4	43.0	29.9	53.8
1926.....	29.4	34.9	34.8	46.8	63.0	68.0	74.4	74.9	68.6	55.4	41.0	32.2	52.0
1927.....	30.5	39.5	44.4	52.2	62.4	66.1	74.2	67.4	70.5	59.0	47.4	33.2	53.9
1928.....	30.8	32.6	40.4	47.4	60.2	64.2	73.9	75.2	64.0	59.8	44.4	35.8	52.4
1929.....	28.8	26.2	48.3	54.8	59.7	67.9	73.6	69.8	66.6	53.2	40.0	33.0	51.8
1930.....	29.7	40.2	38.7	56.6	64.1	72.3	77.8	73.9	68.6	53.2	43.5	32.1	54.2
1931.....	34.4	38.5	37.9	52.0	58.7	72.8	78.0	73.0	71.2	58.1	52.3	41.4	55.7
1932.....	40.8	41.2	36.0	52.0	63.3	72.6	76.4	74.1	66.4	54.7	40.6	32.5	54.2
1933.....	39.8	33.8	41.9	51.6	64.6	76.6	75.6	73.0	71.3	53.6	40.3	37.4	55.0
1934.....	35.5	24.2	38.4	52.0	65.8	77.0	81.9	74.2	69.6	56.6	47.2	32.2	54.6
1935.....	32.6	34.3	48.8	49.9	58.5	68.2	77.6	74.6	66.2	56.0	43.6	26.0	53.0
1936.....	23.0	25.6	46.0	48.4	65.4	73.2	81.4	80.1	70.6	55.0	38.2	35.7	53.6
1937.....	37.8	33.0	37.4	51.3	61.8	71.6	74.5	75.8	64.2	52.7	40.1	30.7	52.6
Average.....	31.7	33.5	42.6	51.9	61.9	71.2	75.7	73.8	67.9	55.7	43.6	33.5	53.6

TABLE 18.—Mean temperature, by months and years, at
Canfield, Mahoning County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1917.....	27.0	22.6	37.2	46.1	52.3	65.9	71.6	70.0	59.4	45.6	36.2	21.0	46.2
1918.....	13.4	28.5	41.0	47.2	65.0	66.2	69.4	73.4	55.6	54.0	40.7	38.0	49.4
1919.....	31.3	30.2	38.6	47.2	56.0	70.8	72.1	66.6	62.6	54.2	39.6	23.4	49.4
1920.....	19.0	23.8	37.8	42.5	53.6	64.4	66.6	68.2	62.1	55.4	38.5	31.4	46.9
1921.....	30.7	32.0	46.4	53.6	59.2	69.9	75.8	68.6	72.4	51.2	40.4	30.0	52.5
1922.....	23.6	32.5	40.0	49.6	60.2	67.8	69.8	67.2	65.0	54.6	41.8	29.6	50.1
1923.....	28.8	23.8	34.6	45.8	55.0	67.2	66.6	65.0	61.4	45.7	37.6	38.6	47.5
1924.....	22.8	23.2	33.4	46.4	51.6	63.9	66.8	68.2	58.4	51.6	39.6	26.0	46.0
1925.....	23.4	32.6	39.0	50.9	52.8	70.1	69.2	69.6	65.9	42.6	36.5	27.4	48.3
1926.....	25.3	28.2	30.6	42.0	56.0	63.0	69.3	71.2	63.2	50.9	38.5	27.8	47.2
1927.....	25.1	33.4	40.6	46.6	57.7	61.4	69.2	63.2	65.4	55.1	43.8	30.8	49.4
1928.....	27.9	28.8	35.0	42.3	55.2	63.5	71.4	72.2	58.9	56.0	41.6	33.8	48.9
1929.....	24.8	23.8	44.1	49.6	56.3	64.6	69.8	64.6	64.3	49.6	37.4	30.1	48.2
1930.....	25.7	35.0	34.8	47.6	58.8	66.0	71.8	68.9	66.2	48.4	40.2	28.2	49.3
1931.....	27.8	30.6	32.8	44.0	55.6	66.4	73.8	71.0	67.8	54.7	48.6	37.6	50.9
1932.....	38.9	35.4	31.0	45.4	58.8	67.8	70.3	69.0	64.8	53.8	33.8	31.8	50.5
1933.....	36.7	30.2	35.8	49.8	60.8	70.8	72.4	70.1	86.3	50.6	36.8	33.2	51.1
1934.....	31.2	16.9	32.6	47.2	61.2	73.2	74.6	67.8	66.0	51.6	44.4	29.0	49.6
1935.....	28.0	28.0	43.7	45.0	52.9	67.8	73.8	70.3	61.0	52.4	42.3	24.1	49.1
1936.....	21.6	19.6	39.4	43.6	61.0	67.1	72.7	72.2	65.8	52.4	36.2	34.1	48.8
1937.....	34.8	30.4	32.0	46.2	57.9	67.8	70.4	71.9	60.2	49.4	37.7	26.5	48.8
Average.....	27.0	28.1	37.1	46.6	57.0	66.9	70.8	69.0	63.5	51.4	39.9	30.1	48.9

TABLE 19.—Mean temperature, by months and years, at Paulding, Paulding County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	31.4	24.6	33.2	49.0	60.4	64.4	78.8	76.8	64.0	54.4	41.2	25.2	50.1
1917.....	24.6	21.8	38.6	47.0	53.2	65.2	71.2	70.4	60.8	44.0	37.8	19.7	46.2
1918.....	10.8	28.0	43.6	48.0	66.0	68.2	71.0	76.8	57.7*	54.4	41.4	37.6	50.3
1919.....	31.4	31.2	39.2	49.2	57.7	73.4	75.2	70.5	67.0	56.8	40.0	23.8	51.3
1920.....	17.0	23.7	38.5	42.9	56.5	68.2	69.2	69.0	65.5	57.6	38.8	31.8	48.2
1921.....	31.3	32.0	46.2	52.4	60.8	73.7	78.6	70.6	70.2	52.8	40.6	33.1	53.5
1922.....	23.7	30.8	39.3	50.4	63.2	70.0	71.8	70.6	66.0	54.6	42.7	29.3	51.0
1923.....	29.6	22.8	35.2	46.4	55.8	71.2	72.3	69.1	64.3	49.1	40.2	38.1	49.5
1924.....	21.6	25.8	34.4	48.4	53.5	65.2	69.2	70.6	60.4	55.8	39.2	25.2	47.4
1925.....	21.4	33.8	38.4	52.2	54.2	71.6	70.4	70.6	68.2	45.0	37.0	25.9	49.1
1926.....	26.0	27.9	31.6	42.3	59.2	63.9	71.6	72.4	63.8	53.2	38.5	25.8	48.0
1927.....	22.7	32.8	39.4	47.4	58.1	64.4	72.0	65.0	66.8	55.0	45.0	29.5	49.8
1928.....	27.2	27.9	35.6	45.2	57.8	62.6	73.5	74.1	62.2	56.6	41.9	32.3	49.7
1929.....	20.1	21.4	46.6	54.0	58.2	66.4	73.0	68.8	63.4	50.2	37.2	27.6	48.9
1930.....	22.0	37.8	37.2	50.0	62.2	69.4	75.4	72.6	66.8	51.4	41.0	29.8	51.3
1931.....	31.0	34.6	34.6	49.8	58.3	71.3	76.4	72.9	69.5	56.2	48.2	37.8	53.4
1932.....	37.3	35.0	31.3	48.0	60.7	71.2	74.3	72.7	64.4	53.8	35.5	29.0	51.1
1933.....	35.2	30.0	36.0	49.2	61.4	75.8	75.5	71.4	69.4	50.6	37.7	32.0	52.0
1934.....	32.0	18.0	32.8	48.0	63.6	76.9	80.6	72.7	66.3	53.1	43.5	25.8	51.1
1935.....	27.0	28.8	43.8	45.8	54.2	66.6	77.6	74.1	64.4	52.4	40.2	23.2	49.8
1936.....	20.3	17.4	41.1	44.8	63.6	69.4	78.4	76.4	69.2	52.9	38.2	33.2	50.4
1937.....	31.0	29.2	33.4	48.7	58.9	68.7	73.2	74.5	62.6	49.8	37.4	26.2	49.5
Average.....	26.1	28.0	37.7	48.1	59.0	69.0	74.1	71.9	65.1	52.6	40.1	29.2	50.1

*From Ottawa station.

TABLE 20.—Mean temperature, by months and years, at Batavia, Clermont County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	38.8	30.0	39.4	51.8	64.6	67.0	78.3	75.8	65.0	55.3	45.8	32.2	53.7
1917.....	32.1	29.2	42.6	52.1	57.0	68.6	73.6	73.6	65.4	48.6	41.8	23.0	50.6
1918.....	17.4	35.0	49.5	52.0	68.2	71.4	73.2	78.3	61.2	60.2	44.4	42.2	54.4
1919.....	35.6	36.0	44.8	53.2	61.4	75.4	76.9	72.8	70.8	63.0	42.4	28.1	55.0
1920.....	27.0	30.5	44.0	49.1	60.1	69.6	72.3	71.2	68.0	60.8	42.4	35.6	52.6
1921.....	35.4	37.5	52.8	56.6	63.9	75.2	79.0	72.8	71.6	55.1	45.7	36.4	56.8
1922.....	30.1	36.8	46.2	56.0	66.2	73.1	75.0	73.2	70.2	58.0	46.6	36.4	55.7
1923.....	36.6	29.0	41.4	51.4	60.8	72.0	74.8	73.7	67.4	53.5	43.5	43.8	54.0
1924.....	27.4	32.0	38.4	53.9	57.4	71.4	71.8	73.8	61.8	59.2	44.0	31.2	51.9
1925.....	30.7	40.8	45.4	58.0	58.0	75.9	74.2	73.6	73.8	48.4	41.4	31.3	54.3
1926.....	30.0	35.8	35.2	48.1	63.6	68.0	75.4	75.7	69.4	56.7	40.7	32.7	52.6
1927.....	31.8	41.0	45.6	53.0	63.6	66.8	74.4	66.2	70.7	59.4	48.4	33.8	54.6
1928.....	31.6	33.1	41.4	47.4	61.4	67.4	75.0	75.0	63.1	59.2	44.2	36.6	53.0
1929.....	28.6	26.9	48.8	56.2	60.7	69.6	74.1	70.0	67.4	54.0	41.0	34.3	52.6
1930.....	31.6	42.8	40.8	57.0	66.0	72.8	79.2	75.6	71.9	53.0	44.6	32.6	55.7
1931.....	34.6	39.8	37.9	53.4	60.9	73.0	77.3	73.2	72.2	60.2	52.8	41.9	56.4
1932.....	41.5	42.2	38.0	52.9	63.8	74.2	76.3	73.4	68.2	56.8	41.3	33.8	55.2
1933.....	40.6	34.7	42.2	53.2	66.5	76.5	76.6	73.8	72.6	55.2	42.1	38.6	56.0
1934.....	36.4	25.7	39.5	53.9	67.2	77.7	82.2	75.2	69.8	57.4	48.0	33.2	55.5
1935.....	32.6	35.4	51.2	50.4	60.3	68.6	77.8	74.8	66.6	57.4	43.3	26.0	53.7
1936.....	24.2	27.3	48.1	49.0	66.8	74.3	81.2	79.9	71.8	56.0	39.1	37.6	54.6
1937.....	39.4	34.4	38.4	52.6	62.4	21.7	74.8	75.8	65.2	54.1	40.6	31.4	53.4
Average.....	32.5	34.4	43.3	52.8	62.8	71.8	76.1	74.0	68.4	56.4	43.8	34.2	54.2

TABLE 21.—Mean temperature, by months and years, at
Cortland, Trumbull County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1921.....	29.6	32.0	45.8	53.3	59.9	70.3	76.8	67.7	68.0	40.9	29.7	30.0*	50.3
1922.....	21.8	31.6	41.9	48.5	61.5	68.1	69.8	67.2*	66.1	53.2	42.7	30.4	50.2
1923.....	28.1	22.6	33.3	48.5	56.4	69.5*	70.1	69.7	64.8	50.0	40.0	38.7	49.3
1924.....	23.8	24.4	34.9	45.5	57.6	65.7	69.4	69.4	59.6	51.1	39.6*	26.0*	47.2
1925.....	24.6	35.7	42.4	55.1	55.7	75.4	71.4	73.2	68.2	47.4	39.1	27.4*	51.3
1926.....	27.8	31.4	35.7	43.8	56.8	62.3	68.2	75.0	64.2	52.3	40.5	27.1	48.8
1927.....	25.1	33.2	41.4	48.1	59.1	63.8	71.4	65.3	66.2	56.2	44.8	31.1	50.5
1928.....	26.8	29.4	36.9	45.1	55.1	64.8	73.8	73.8	60.5	56.5	42.9	34.3	50.0
1929.....	24.8	27.2	45.2	51.5	58.6	66.6	72.6	64.7	65.9	62.4	39.4	31.7	50.9
1930.....	27.6	35.9	36.0	49.5	61.3	68.7	73.2	69.6	66.7	48.8	39.0	28.0	50.4
1931.....	26.4	28.3	30.6	44.4	54.6	65.5	73.9	68.8	64.6	53.4	45.3	33.5	49.1
1932.....	35.5	31.6	30.9	47.2	59.6	68.7	70.3	69.0	64.8	54.6	37.3	31.4	50.1
1933.....	36.4	30.4	36.3	50.4	61.7	72.2	73.1	70.7	68.1	51.6	37.7	33.3	51.8
1934.....	30.8	16.6	31.5	47.6	62.1	75.1	76.4	69.2	67.1	53.8	45.7	30.7	50.6
1935.....	29.5	30.3	44.6	44.0	55.0	68.6	77.8	72.2	63.7	53.0	43.5	28.3	50.8
1936.....	22.1	24.1	38.8	45.5	63.0	66.7	72.3	72.2	67.5	55.7	40.9	34.6	50.3
1937.....	33.5	29.6	33.2	50.4	61.1	71.5	76.2	76.1	59.1	48.0	38.7	27.4	50.4
Average.....	27.9	29.1	37.6	48.1	58.7	68.4	72.7	70.2	65.0	52.3	40.4	30.8	50.1

*From Canfield records.

TABLE 22.—Mean temperature, by months and years, at
St. Clairsville, Belmont County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1925.....	30.3	39.0	42.3	55.7	60.2	79.0	78.4	73.0	71.0	47.9	40.0	30.4	53.9
1926.....	29.0	32.9	34.4	46.2	64.8	73.6	79.7	77.3	67.3	53.4	41.0	24.9	52.0
1927.....	30.0	37.0	41.0	44.0	63.0	68.0	79.0	75.0	72.0	62.0	44.0	33.0	54.0
1928.....	29.0	31.0	36.0	42.0	63.0	73.0	76.0	73.2	69.0	54.0	42.0	35.0	51.9
1929.....	26.0	29.0	43.0	53.0	58.0	76.0	74.0	66.0	66.0	53.0	39.0	31.0	51.2
1930.....	29.4	38.8	40.7	52.4	63.1	69.7	74.7	71.9	69.3	51.3	43.2	29.9	52.9
1931.....	31.8	33.9	36.2	51.2	59.0	69.5	79.5	70.5	68.8	56.7	51.4	42.2	54.2
1932.....	44.2	39.2	33.3	46.9	60.9	68.2	72.6	72.4	66.8	54.7	40.2	33.2	52.7
1933.....	38.3	30.2	36.8	53.4	64.4	74.2	74.4	73.3	69.9	57.2	39.5	35.8	54.1
1934.....	32.2	19.1	38.8	54.7	70.2	80.2	82.3	71.9	73.0	58.4	48.4	32.9	55.2
1935.....	30.5	31.5	48.2	48.3	57.4	67.5	74.1	69.9	60.7	51.8	42.1	37.3	51.7
1936.....	22.9	25.6	42.3	45.9	63.3	69.9	75.7	77.4	70.2	55.3	40.3	36.7	52.1
1937.....	35.7	31.0	35.1	49.5	60.3	70.3	73.9	74.3	63.5	50.7	37.7	30.1	50.9
Average.....	31.5	32.2	39.2	49.5	62.1	72.2	76.5	72.8	68.3	54.3	42.2	33.3	52.8

TABLE 23.—Mean temperature, by months and years, at
Fleming, Washington County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1921.....	40.6	44.5	55.3	60.2	63.2	73.4	76.1	71.3	72.2	57.2	49.2	39.2	58.5
1922.....	34.8	40.8	50.0	57.2	65.0	71.2	73.7	71.0	70.3	58.5	49.1	40.1	56.8
1923.....	38.0	32.8	44.0	53.7	61.7	70.4	72.1	71.1	67.3	55.9	46.1	48.6	55.1
1924.....	33.8	34.0	41.0	54.2	57.0	67.4	70.1	73.1	62.9	59.6	46.8	34.9	52.9
1925.....	35.1	43.0	46.4	57.7	57.7	73.0	72.3	72.0	73.8	66.9	50.5	43.5	57.7
1926.....	31.7	37.6	39.1	48.8	63.6	66.9	73.7	74.1	69.7	56.8	44.4	35.3	53.5
1927.....	34.3	42.6	47.6	55.2	63.7	64.2	72.5	67.6	68.7	60.1	50.2	37.4	55.3
1928.....	33.7	36.1	42.9	51.1	61.2	66.5	72.7	74.0	61.2	59.6	45.8	40.5	53.8
1929.....	32.5	32.1	49.7	57.2	62.2	68.2	72.1	68.9	67.8	61.7	44.9	38.7	54.7
1930.....	35.6	43.2	44.6	56.5	64.6	71.2	78.1	74.1	71.6	54.1	47.3	35.7	56.4
1931.....	37.8	40.1	40.2	53.2	62.0	71.1	78.7	73.2	72.6	60.5	55.1	44.8	57.4
1932.....	47.2	44.0	38.6	53.4	65.3	73.0	75.6	75.0	71.3	59.2	45.5	37.9	57.2
1933.....	44.0	36.3	43.0	54.8	66.8	75.8	76.2	75.8	73.9	58.1	44.9	43.5	57.8
1934.....	40.2	26.2	41.1	55.1	67.5	78.5	80.0	74.2	70.9	57.8	52.4	38.1	56.8
1935.....	37.5	37.8	51.4	53.1	61.1	70.6	77.7	75.4	67.3	58.2	49.9	31.6	56.0
1936.....	29.4	30.4	48.1	50.7	67.6	74.5	78.3	77.4	72.3	58.7	43.9	41.6	56.1
1937.....	44.6	37.0	41.1	54.8	63.4	72.4	73.9	76.1	66.0	55.1	43.8	35.5	56.0
Average.....	37.1	37.6	44.9	54.5	63.2	71.1	74.9	73.2	69.4	58.7	47.6	39.3	56.0

TABLE 24.—Mean temperature, by months and years, at
Holgate, Henry County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1930.....	22.2	37.3	35.8	49.5	61.3	69.2	75.4	71.4	65.6	49.6	42.0	29.2	50.7
1931.....	29.7	33.8	34.3	49.1	57.9	70.4	76.0	72.2	68.9	56.1	48.1	37.2	52.8
1932.....	36.8	35.0	31.2	46.6	60.0	70.2	73.6	72.0	63.4	53.0	35.0	29.2	50.5
1933.....	34.8	29.4	35.6	48.9	61.9	74.6	74.8	70.6	67.8	50.4	36.4	30.6	51.3
1934.....	30.8	17.6	32.1	46.6	62.3	75.4	78.1	70.9	66.0	52.4	43.6	26.1	50.2
1935.....	27.0	28.3	42.8	44.6	53.5	65.6	75.9	71.9	62.4	51.2	39.4	23.2	48.8
1936.....	19.6	17.0	40.1	43.8	62.4	66.8	75.6	74.6	66.4	51.0	34.2	30.7	48.5
1937.....	29.2	27.3	32.4	47.6	58.7	67.4	72.0	73.0	60.8	49.6	37.1	26.6	48.5
Average.....	28.8	28.2	35.5	47.1	59.8	69.9	75.2	72.1	65.2	51.7	39.5	29.1	50.2

TABLE 25.—Precipitation, by months and years, at Germantown, Montgomery County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1906.....	2.92	1.07	6.93	1.88	1.34	2.88	6.24	7.46	2.30	1.65	3.80	4.32	42.79
1907.....	7.22	.32	6.23	2.26	3.20	3.65	4.10	1.93	5.64	2.92	3.25	3.22	43.96
1908.....	2.11	6.33	4.24	4.53	4.47	1.42	3.86	1.36	.35	.27	1.70	1.31	31.95
1909.....	3.41	7.67	2.07	5.58	6.98	5.93	4.50	3.34	.89	3.13	1.95	4.00	49.45
1910.....	3.00	4.25	.10	1.87	5.08	1.58	3.95	1.11	3.96	7.60	.96	2.85	36.41
1911.....	5.00	1.46	3.00	6.01	1.36	2.67	1.78	4.56	5.16	4.48	3.06	3.81	42.35
1912.....	3.23	1.68	4.29	6.51	3.49	2.24	3.78	9.05	2.50	2.79	.72	3.30	43.58
1913.....	8.40	2.05	7.32	5.25	2.62	2.40	3.49	2.23	2.33	2.56	4.80	.88	44.33
1914.....	2.62	3.75	3.05	2.47	1.43	2.68	2.51	6.21	8.78	3.24	2.03	2.71	33.57
1915.....	2.95	1.75	1.34	1.54	5.58	3.01	5.48	7.40	5.62	2.12	2.34	3.53	42.66
1916.....	6.34	1.41	3.20	2.13	3.58	5.22	1.76	3.06	2.78	1.91	1.89	2.78	36.06
1917.....	4.15	1.56	4.31	3.27	4.11	4.37	3.43	3.56	1.82	3.77	.50	1.95	36.80
1918.....	4.07	2.14	1.71	3.51	4.18	3.51	1.94	6.31	4.60	1.86	1.66	3.32	38.80
1919.....	1.08	.68	4.85	4.16	4.53	1.50	4.34	3.73	1.02	7.93	3.97	2.30	40.09
1920.....	1.44	1.81	3.48	7.57	2.95	5.43	3.47	3.15	3.01	1.38	3.19	2.05	38.93
1921.....	2.79	2.41	8.06	4.01	1.69	1.25	1.84	4.77	4.48	2.66	6.77	4.04	44.77
1922.....	1.46	1.74	6.39	5.03	5.94	1.32	2.84	4.74	2.71	1.92	1.94	4.49	40.52
1923.....	4.00	2.26	3.18	2.43	3.26	3.09	1.88	3.72	2.70	1.42	2.27	6.12	36.33
1924.....	4.12	1.50	4.27	2.17	3.72	5.92	4.18	2.09	2.45	.23	1.48	3.78	35.91
1925.....	1.02	1.78	2.56	3.29	1.40	3.28	3.43	3.52	8.71	7.90	6.04	.67	43.60
1926.....	2.23	3.27	2.71	3.45	3.21	1.94	2.90	7.96	5.16	5.83	1.33	2.18	42.17
1927.....	4.16	1.45	4.48	5.75	4.13	2.97	3.59	2.29	2.16	3.68	5.85	2.90	43.41
1928.....	1.56	2.57	1.99	3.43	1.15	6.11	3.61	2.41	1.24	2.78	3.62	2.46	32.93
1929.....	6.15	4.00	2.76	3.64	7.66	5.17	4.90	1.53	3.19	3.67	3.58	3.08	49.33
1930.....	6.45	3.48	2.41	1.75	2.34	1.85	1.55	3.17	2.53	.99	1.57	1.05	29.14
1931.....	1.55	1.78	2.54	3.74	2.44	5.28	2.99	5.21	3.44	3.21	3.21	4.52	39.89
1932.....	6.53	1.54	2.97	1.41	1.72	8.06	4.48	.75	4.67	3.57	2.99	5.32	44.01
1933.....	2.43	2.30	6.47	3.90	8.45	.40	2.02	2.47	4.39	2.18	1.00	2.58	38.59
1934.....	1.28	.87	2.71	.86	.92	1.54	3.24	2.03	4.13	.17	1.92	1.58	21.25
1935.....	2.93	.58	3.59	2.15	4.83	3.40	3.08	5.17	4.57	1.60	3.48	2.03	37.41
1936.....	1.36	2.63	2.06	3.93	1.21	.81	.67	3.23	3.78	4.58	2.92	2.22	29.40
1937.....	10.15	1.39	1.32	3.57	3.91	3.05	3.23	4.36	3.38	4.55	1.54	3.77	44.22
Average.....	3.69	2.29	3.64	3.53	3.53	3.25	3.28	3.87	3.58	3.08	2.73	2.97	39.2

TABLE 26.—Precipitation, by months and years, at
Carpenter, Meigs County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1903	.....	.....	.....	3.75	5.69	5.07	4.23	1.02	1.02	2.60	2.73	3.28	.....
1904	3.74	2.89	5.07	3.03	2.69	3.16	3.79	2.71	2.08	1.10	.18	3.40	33.84
1905	1.02	1.35	4.07	2.70	7.02	5.11	3.77	4.11	1.02	5.20	2.45	3.51	41.33
1906	3.58	1.85	3.82	1.43	1.40	6.39	1.40	2.92	3.24	2.58	3.59	3.50	35.61
1907	8.94	2.28	6.13	3.57	3.47	4.49	4.84	4.10	2.94	2.38	2.14	1.72	47.00
1908	1.37	4.31	7.80	5.15	3.36	2.92	3.74	3.50	.48	.85	1.37	2.13	37.98
1909	3.05	5.72	2.77	4.10	4.29	7.63	4.18	2.18	.86	2.12	.90	2.05	39.85
1910	6.40	4.70	.20	3.23	2.91	2.35	3.40	1.74	.99	1.68	1.42	2.80	31.82
1911	5.56	3.08	2.26	3.90	2.06	6.14	1.19	4.69	5.18	3.68	2.20	4.01	43.95
1912	1.48	2.44	3.39	4.04	2.90	2.92	5.46	2.56	2.51	1.80	.38	2.09	31.97
1913	6.78	1.98	1.71	2.74	4.23	2.29	2.64	2.38	2.07	2.89	2.34	2.36	34.41
1914	1.17	2.05	1.72	2.84	2.33	2.53	1.23	4.88	1.07	2.98	1.08	4.65	28.53
1915	2.91	.95	1.05	1.22	4.95	4.40	3.90	2.76	3.64	1.96	3.35	4.85	35.94
1916	4.91	3.33	3.83	1.95	4.72	3.57	2.20	2.95	1.89	2.22	1.46	3.29	36.34
1917	5.28	1.37	6.19	3.87	3.61	5.28	5.20	1.58	1.52	4.71	.95	.65	39.91
1918	2.37	2.99	4.07	4.54	2.81	4.85	1.48	3.05	1.55	3.23	2.61	4.90	38.45
1919	2.78	1.53	3.02	2.21	5.74	2.72	5.03	6.30	1.20	5.34	4.85	4.08	44.80
1920	4.27	2.00	3.54	5.96	2.42	3.78	4.95	2.51	2.92	1.87	1.78	1.81	37.81
1921	3.38	1.72	4.89	1.87	4.89	1.46	4.25	5.55	6.62	1.70	5.90	4.41†	46.64
1925*	3.05	2.75†	2.39	2.76	3.40	1.66	5.34	2.09	1.57	5.88	4.39	1.01†	36.24
1926	4.36†	4.36†	2.63	2.63†	2.82	5.82	7.23	9.21	2.64	4.69	2.05	2.41	50.85
1927	4.91	3.73	3.13	5.93	4.10	1.56	6.92	3.46	.91	1.49†	5.53	4.46	46.13
1928	2.12	2.29	3.66	3.57	1.26	8.49	4.64	2.54	1.44	2.16	3.19	1.64	37.00
1929	2.46	1.90	2.05	4.09	5.13	6.92	2.73	2.44	4.25	4.18	3.56	4.09	43.80
1930	3.03	2.61	3.73	1.30	1.15	2.17	1.96	4.35	1.00	.63	1.37	1.92	34.72
1931	1.35	2.64	3.22	6.22	3.26	5.18	3.71	4.57	4.59	3.69	2.17	4.12	44.72
1932	4.42	1.55	4.93	1.28	1.64	3.36	4.82	2.36	1.58	2.16	3.11	3.04	34.25
1933	3.42	3.26	7.01	4.36	7.48	1.04	2.72	5.71	2.81	.91	.76	4.49	43.97
1934	1.74	1.38	3.80	1.89	2.09	3.59	4.77	4.27	3.07	.17	1.53	1.34	29.64
1935	3.95	1.65	5.28	3.18	6.64	5.54	2.37	6.48	3.82	3.09	2.46	3.79	48.25
1936	2.61	2.37	4.19	4.08	1.15	1.44	1.56	4.59	1.18	5.00	3.56	3.67	35.40
1937	11.99	3.73	1.63	2.04	3.03	3.89	2.21	3.52	2.28	3.71	1.02	3.23	42.28
Average.....	3.82	2.61	3.64	3.28	3.51	3.96	3.67	3.74	2.35	2.78	2.38	3.08	39.14

*No record 1922 to 1924, inclusive.

†From McArthur records.

TABLE 27.—Precipitation, by months and years, at Strongsville, Cuyahoga County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1897.....	0.91	1.62	3.29	3.88	5.99	1.88	5.56	3.25	1.13	0.87	7.02	1.92	37.32
1898.....	5.47	3.75	4.82	2.37	3.43	5.60	4.25	5.69	2.72	5.59	3.25	7.39	54.33
1899.....	4.35	2.32	5.25	3.11	5.58	2.10	5.75	.61	3.14	2.86	1.55	6.36	42.98
1900.....	3.22	5.53	3.01	2.22	1.85	1.36	4.73	2.49	3.56	2.22	4.91	1.94	37.04
1901.....	2.73	2.20	4.35	4.76	5.14	3.32	3.15	7.46	5.51	.47	2.51	5.34	48.94
1902.....	1.17	1.40	2.64	2.91	4.29	9.34	7.39	4.52	5.58	2.73	2.35	3.34	47.66
1903.....	2.37	2.97	3.18	6.68	1.45	3.78	6.49	8.72	1.88	3.09	2.70	2.62	45.93
1904.....	6.51	3.59	4.68	3.47	6.07	1.45	5.80	3.42	2.73	1.20	.50	3.87	43.35
1905.....	2.48	2.73	3.24	3.97	4.38	2.18	5.04	4.11	3.50	2.95	2.92	1.66	39.16
1906.....	2.03	2.06	5.42*	1.93	1.01	4.67	2.72	4.30	6.70	5.04*	4.77	5.12	45.77
1907.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1908.....	2.27*	4.00*	5.35*	3.47*	2.82	2.17	3.70	3.10	1.00	1.60	1.08	1.90	32.46
1909.....	2.48	2.56	2.59*	3.49	4.13	3.20	4.40	3.60	2.71	2.60	2.80	1.30	35.86
1910.....	4.80	2.21	1.10	3.63*	3.05	2.50	1.00	1.37	4.85	3.90	3.98	2.99	35.38
1911.....	3.77*	1.16	1.85	3.03	1.95	1.80	.80	3.28	5.33	3.85	2.83	1.51	31.16
1912.....	1.38	1.49	2.91	5.12	3.62	1.80	6.88	4.74	4.34	2.40	.20	1.89	36.77
1913.....	4.50	1.45	9.30	2.08	2.15	1.30	2.60	1.70	3.30	3.59	2.61	1.13	35.71
1914.....	2.00	1.90	2.40	4.95	5.30	3.40	2.00	5.32	.40	2.83*	1.65*	5.56*	37.71
1915.....	1.79	1.45	1.07*	1.15*	2.25	3.46	3.86	2.47	3.86	.95	1.41	1.52	25.24
1916.....	3.10	.48	1.26	2.22	2.72	5.02	1.20	1.24	3.60	2.37	2.01	1.19	26.41
1917.....	1.92	1.40	2.88	3.42	4.83	2.64	2.32	2.24	2.11	4.21	.87	1.47	30.31
1918.....	1.64	1.04	1.35	2.24	4.87	4.03	2.17	1.41	4.16	1.85	2.20*	2.99*	29.95
1919.....	1.62	1.39	2.16	3.73	4.28	1.84	4.28	7.03	2.44	6.93	5.21	1.78	42.69
1920.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1921.....	1.64*	1.55	4.24	2.77	2.18	2.12	4.23	4.19	5.03*	3.20	1.54	.38	33.07*
1922.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1923.....	1.19	.84	1.37	2.78	3.61	2.04	1.98	5.84	3.65	1.96	2.59	5.40	33.25
1924.....	1.84*	.24*	1.07*	2.67*	4.45	8.20	3.24	2.05	6.63	.86	.69	3.57	35.51
1925.....	.95	2.73	2.82	1.65	2.82	3.04	4.15	1.96	6.82	3.95	2.91	.97	34.77
1926.....	1.98	1.40	1.67	4.16	2.61	3.43	3.76	5.21	6.71	7.34	2.82	.68	41.77
1927.....	1.88	2.08	4.03	2.77	4.88	2.50	3.13	1.51	3.66	2.00	7.28	3.59	39.31
1928.....	1.40	3.38	1.69	2.34	2.68	5.63	6.70	1.82	.95	2.37	3.78	.96	33.70
1929.....	3.35	.40	2.89	6.38	4.39	4.41	5.86	1.45	2.01	2.33	2.95	3.62	40.04
1930.....	6.09	2.31	3.48	2.36	1.48	3.05	1.97	1.77	2.29	1.41	1.25	1.95	29.41
1931.....	2.02	3.80	2.13	5.77	3.04	4.88	.92	3.24	3.34	1.55	3.27	2.88	36.84
1932.....	4.97	1.26	2.59	2.57	3.98	2.01	4.30	2.08	1.32	3.28	4.07	4.13	36.56
Average.....	2.72	2.08	3.09	3.33	3.55	3.34	3.83	3.43	3.54	2.86	2.80	2.82	38.60

*From North Royalton records.

TABLE 28.—Precipitation, by months and years, at London, Madison County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1919.....	1.30	1.14	3.94	2.73	5.32	2.49	3.61	2.66	0.83	5.85	4.78	1.51	36.16
1920.....	1.03	.77*	3.52	6.30	2.60	4.35	6.08	4.88	2.99	1.95	3.30	2.25	40.02
1921.....	2.78	2.38	7.82	5.43	4.58	2.10	1.08	4.47	2.80	2.78	6.35	3.26	45.83
1922.....	1.53	1.33	5.10	5.32	5.92	1.58	3.21	3.72	1.22	1.15	1.75	3.02	34.85
1923.....	3.40	1.87	2.38	2.30	2.22	2.68	5.16	7.53	2.09	1.75	2.16	6.36	39.90
1924.....	3.64	1.58	3.78	1.86	3.89	6.95	3.86	.56	2.85	.21	1.83	2.67	33.68
1925.....	1.00	1.36	2.80*	4.46	3.12	3.00	2.96	1.20	4.90	3.74	5.38	1.40	35.32
1926.....	2.25*	2.94*	2.38	3.71	3.15	1.94	4.23	6.60	7.06	4.64	1.90	2.59*	42.99
1927.....	3.84	2.44	3.29	5.05	4.90	3.50	3.05	2.64	3.45	1.43	6.31	3.10	43.00
1928.....	1.31	2.07	2.75	3.10	1.51	8.42	3.70	1.55	.67	4.05	3.53	2.68	35.34
1929.....	5.15	.....	3.23	4.78	7.40	2.32	5.58	.....	3.66	4.80	4.15	2.77*	.....
1930.....	5.57*	2.48	1.65	1.80	2.69	2.40	1.22	1.00	1.86	.52	1.35	.97	23.51
1931.....	1.10	1.28	1.17	4.22	2.09	2.40	5.30	6.10	5.20	3.33	2.82	4.56	39.57
1932.....	5.93	1.11	1.65	1.81	1.49	6.14	5.27	.67	2.02	3.33	2.96	3.41	35.79
1933.....	1.95	2.10	7.37	3.93	6.81	.59	1.27	4.02	3.57	1.50	1.11	3.06	37.28
1934.....	1.50	1.70	2.41	1.40	.82	3.08	2.49	3.63	2.50	.37	1.16	1.29	22.35
1935.....	1.89	1.20	2.22	1.97	4.19	3.40	4.45	9.26	3.89	2.41	3.58	3.47	41.93
1936.....	1.13	1.93	2.87	4.83	3.98	.87	.56	3.45	5.04	3.85	2.63	2.30	33.44
1937.....	11.35	2.30	1.87	3.97	4.07	5.40	4.37	2.10	2.06	3.19	1.50	3.74	45.92
Average.....	3.03	1.84	3.27	3.61	3.72	3.35	3.55	3.69	3.09	2.68	3.08	2.86	37.04

*From Urbana records.

TABLE 29.—Precipitation, by months and years, at Marietta, Washington County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	3.24	2.15	2.78	1.80	5.55	4.40	2.12	4.08	2.23	2.74	1.95	3.53	36.57
1917.....	4.50	1.96	4.07	4.55	4.49	6.36	3.91	3.04	1.69	5.50	.73	.91	41.71
1918.....	3.15	2.33	3.88	4.84	4.15	1.96	2.75	4.71	2.58	3.81	1.64	4.47	40.27
1919.....	2.77	1.36	3.13	2.85	3.97	3.86	3.07	5.89	2.66	5.30	6.67	4.09	45.62
1920.....	3.92	2.12	2.80	5.14	1.94	5.48	6.50	2.02	2.54	1.97	1.85	1.75	38.03
1921.....	3.55	1.71	4.61	2.99	3.94	3.58	3.75	3.27	4.27	1.78	6.27	3.77	43.49
1922.....	1.93	1.68	5.71	4.66	5.02	5.84	6.13	5.37	2.46	3.12	1.02	3.64	46.58
1923.....	3.09	2.42	3.08	3.58	3.76	4.11	6.15	4.07	2.02	1.36	4.14	6.16	43.94
1924.....	3.97	2.66	3.15	2.69	4.52	3.01	3.82	1.61	6.80	.10	1.63	2.52	36.48
1925.....	3.33	2.46	2.05	1.96	3.01	3.61	6.10	1.54	.60	5.62	3.34	.63	34.25
1926.....	3.02	3.95	2.11	1.49	1.50	3.77	5.70	7.02	4.58	4.60	2.97	3.17	43.88
1927.....	4.19	3.66	3.60	4.90	3.89	3.74	6.22*	3.53	1.65	2.36	6.92	3.24	47.90
1928.....	1.65	3.22	3.75	4.17	2.66	7.68	3.30*	5.73	1.19	2.45	3.15	1.86	40.81
1929.....	3.31	2.69	2.66	4.08	4.73	5.12	1.74	3.59	3.21	4.63	3.57	3.02	42.35
1930.....	2.45	2.45	3.60	1.70	1.45	1.27	1.27	2.30	1.67	1.00	1.05	2.51	22.72
1931.....	1.01	2.71	2.44	4.48	4.70	4.17	2.04	3.54	3.57	1.74	2.19	3.96	36.55
1932.....	5.53	1.53	4.87	2.19	1.66	3.86	3.57	5.40	1.60	2.53	3.47	2.33	38.54
1933.....	3.24	1.95	6.23	3.93	6.28	1.47	3.58	3.34	4.53	.45	1.66	3.79	40.45
1934.....	2.20	1.58	3.83	1.81	1.53	3.63	5.37	4.92	2.65	.10	2.93	2.07	32.62
1935.....	3.74	2.23	3.67	2.35	5.18	3.64	5.82	12.65	4.41	3.09	2.10	3.74	52.62
1936.....	3.30	2.29	4.97	4.03	1.28	1.82	3.42	2.36	1.49	2.36	3.64	3.58	34.54
1937.....	10.72	2.91	1.63	2.99	3.55	5.15	3.25	4.61	2.19	4.82	1.46	3.13	46.41
Average.....	3.54	2.36	3.57	3.33	3.58	3.98	4.08	4.30	2.75	2.79	2.92	3.08	40.28

*Readings from the Government Station after June 1928.

TABLE 30.—Precipitation, by months and years, at Mt. Healthy, Hamilton County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	5.91	1.76	2.57	2.68	4.01	5.13	1.45	3.29	2.03	1.05	1.78	2.73	34.39
1917.....	5.04	1.61	3.67	4.45	5.13	4.81	4.61	1.41	3.79	4.50	.36	2.38	41.76
1918.....	3.98	2.63	4.01	3.26	4.05	7.75	3.30	5.34	3.90	2.94	1.70	3.54	46.40
1919.....	1.44	1.05	4.60	3.77	4.39	1.92	3.13	1.96	2.94	10.70	4.15	2.55	42.60
1920.....	2.90	1.68	4.15	5.80	4.96	2.87	4.52	4.49	4.92	1.48	3.19	1.99	42.95
1921.....	2.02	2.01	6.52	4.26	2.60	2.22	1.67	4.22	3.54	3.30	6.68	5.60	44.64
1922.....	2.12	1.70	8.05	5.19	2.87	1.05	2.55	5.87	3.47	1.91	1.97	4.96	41.71
1923.....	3.72	2.22	3.65	2.79	2.61	4.07	6.03	4.60	1.74	1.06	2.58	6.37	41.44
1924.....	4.46	1.83	5.05	2.39	3.45	4.88	1.88	3.70	3.11	.22	1.36	4.15	36.48
1925.....	1.27	2.24	2.32	2.39	2.85	2.25	8.52	3.33	3.48	4.80	5.90	.73	40.08
1926.....	2.09	3.87	2.60	5.09	6.48	2.34	7.44	7.33	3.65	5.11	2.16	2.37	50.53
1927.....	4.53	2.26	3.68	5.44	4.97	3.68	3.17	3.92	4.11	3.59	7.32	3.55	50.22
1928.....	1.67	3.10	1.06	3.12	1.41	7.76	1.29	1.67	1.65	3.04	4.67	2.40	32.84
1929.....	4.50	2.50	2.83	4.97	9.63	3.76	6.48	1.97	4.33	4.29	4.38	2.08	51.72
1930.....	4.07	2.21	1.77	1.48	.88	.92	1.84	1.94	4.00	1.10	1.18	1.04	22.43
1931.....	.92	1.23	1.98	5.16	2.35	2.83	6.61	3.11	4.55	2.49	2.32	3.26	36.81
1932.....	4.78	2.32	3.47	2.26	1.28	7.72	5.73	5.08	4.87	3.90	2.98	3.89	48.28
1933.....	2.99	2.52	9.82	4.39	8.55	2.55	1.21	4.16	6.58	2.43	1.29	2.90	49.39
1934.....	1.77	.73	2.78	.86	.64	3.02	2.48	1.57	3.36	.36	1.79	1.26	20.62
1935.....	2.40	.97	6.53	3.40	6.01	3.34	2.21	4.11	2.79	2.72	2.69	2.44	39.61
1936.....	1.17	1.47	2.87	3.25	1.96	1.05	.70	3.00	4.97	5.54	3.75	2.96	32.69
1937.....	10.38	1.90	1.35	3.15	2.98	1.44	4.23	7.00	3.46	3.40	2.05	3.49	46.53
Average.....	3.37	1.99	3.88	3.61	3.82	3.59	3.68	3.78	3.69	3.18	3.01	3.03	40.64

TABLE 31.—Precipitation, by months and years, at
Canfield, Mahoning County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1917.....	2.33	1.05	1.91	1.97	2.74	5.41	3.63	2.39	2.19	5.74	0.73	1.23	31.32
1918.....	2.41	1.84	2.26	3.97	5.08	1.78	1.93	1.25	3.29	3.26	1.70	2.97	31.74
1919.....	1.70	1.26	2.75	1.93	5.17	1.34	3.20	5.82	2.58	4.78	2.45	1.74	34.72
1920.....	1.62	.90	1.56	5.87	.89	6.75	3.02	3.69	1.87	1.48	2.62	1.49	31.76
1921.....	2.78	.99	3.20	3.72	2.18	3.09	5.49	2.09	4.94	2.69	5.51	1.81	38.49
1922.....	1.35	1.59	4.27	4.71	3.64	2.35	5.52	2.95	2.08	1.65	2.62	2.00	34.73
1923.....	1.91	1.18	2.06	1.56	4.01	1.57	2.65	2.19	2.67	1.32	2.77	5.87	29.76
1924.....	4.39	2.28	2.39	3.26	6.62	5.79	2.01	2.30	7.76	.31	1.03	2.54	40.68
1925.....	1.49	2.10	2.49	1.07	2.48	4.36	5.16	1.74	4.45	3.90	3.33	.90	33.47
1926.....	1.56	2.08	1.63	2.23	2.61	4.33	2.73	6.54	6.65	6.13	1.80	2.48	40.77
1927.....	1.54	1.80	2.42	2.43	3.83	3.84	6.43	1.65	2.07	2.37	6.23	6.00	40.61
1928.....	1.52	2.10	2.18	2.37	1.80	7.05	7.19	5.41	.70	2.37	3.31	1.02	37.02
1929.....	1.66	1.76	3.34	6.31	6.78	3.34	4.58	1.59	3.67	3.04	5.11	1.87	43.05
1930.....	1.17	2.13	2.94	3.44	2.24	3.31	2.58	1.62	3.11	1.99	1.06	1.11	26.70
1931.....	1.17	1.79	1.38	3.58	3.69	4.30	2.25	4.94	2.61	2.08	1.66	3.81	33.26
1932.....	5.25	.60	2.18	2.38	2.13	4.85	4.90	2.37	1.39	2.87	3.86	2.47	35.25
1933.....	.91	1.25	5.24	3.39	4.46	1.28	2.02	1.62	2.34	.91	1.81	3.02	28.25
1934.....	1.73	.63	1.78	2.66	.42	3.73	3.16	6.77	3.69	.99	2.73	1.71	30.00
1935.....	1.88	2.23	1.72	1.07	3.64	3.73	3.89	5.48	2.71	1.56	2.09	2.06	32.06
1936.....	1.49	2.50	3.37	2.14	2.67	2.06	2.49	4.51	2.68	3.28	2.77	1.78	31.74
1937.....	7.65	.77	2.31	4.28	5.09	4.00	5.67	1.70	1.05	2.79	1.16	2.87	39.34
Average.....	3.16	1.56	2.54	3.06	3.44	3.73	3.83	3.27	3.07	2.64	2.68	2.41	34.51

TABLE 32.—Precipitation, by months and years, at
Paulding, Paulding County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	4.63	0.68	2.51	2.02	5.98	6.01	1.02	1.28	1.78	1.29	2.07	1.87	31.14
1917.....	.52	3.98	3.85	4.82	4.14	3.29	1.70	1.67	6.39	.49	.59	.59	.....
1918.....	2.04	1.19	.....	3.22	1.97	1.74	1.02	.....	2.01	2.73	4.44	.....	.....
1919.....	.....	1.64	4.02	2.75	4.86	3.34	.57	2.48	1.73	6.32	.....	.34	.....
1920.....	1.29	.18	2.11	4.86	1.79	3.10	4.45	2.00	1.90	3.06	3.35	3.35	31.44
1921.....	1.86	1.26	4.82	3.90	3.40	2.17	2.27	4.04	3.46	3.92	4.26	2.03	37.39
1922.....	1.36	.89	5.25	3.03	5.86	3.06	3.19	2.64	3.10	1.87	1.64	4.36	36.25
1923.....	2.17	1.38	3.44	2.07	4.61	2.94	7.63	2.42	3.58	1.52	3.27	5.12	40.15
1924.....	2.58	1.09	4.08	2.66	3.87	6.40	1.96	2.28	4.05	.78	1.22	5.23*	36.20
1925.....	1.10	2.63	5.48	1.47	1.54	3.17	6.13	1.91	5.58	2.83	4.17	1.07	37.08
1926.....	2.12	2.60	2.62	4.41	2.24	3.21	4.37	6.58	6.99	3.15	1.84	1.50	41.63
1927.....	1.65	1.80	3.45	5.98	4.17	2.16	2.63	2.31	2.19	1.50	5.45	3.34	36.63
1928.....	1.71	2.68	1.76	2.50	3.66	4.98	2.49	2.19	4.40	2.26	2.89	2.03	29.55
1929.....	4.36	1.21	3.04	6.06	3.50	4.66	3.58	2.07	3.25	5.57	2.76	3.38	45.44
1930.....	4.84	1.20	2.32	4.02	2.35	3.13	1.00	1.45	4.43	1.30	2.12	.92	29.08
1931.....	.83	1.45	2.17	2.66	2.20	4.38	3.72	3.20	2.99	2.15	1.96	3.11	30.82
1932.....	4.30	1.01	1.95	2.36	2.14	2.53	3.19	.66	4.28	4.23	2.89	5.45	34.99
1933.....	2.48	1.63	4.27	3.57	7.98	1.49	2.75	1.98	7.87	1.56	1.01	2.34	38.93
1934.....	1.77	1.04	2.81	3.06	1.04	2.62	1.37	3.04	3.80	.79	2.41	1.27	25.02
1935.....	2.56	1.28	3.82	1.94	4.58	2.63	2.29	2.41	2.14	1.23	2.79	1.43	29.10
1936.....	1.34	3.19	3.36	2.37	1.95	3.10	.98	3.54	3.76	3.17	2.71	2.62	32.09
1937.....	6.08	1.26	1.76	4.67	3.69	6.68	5.91	2.19	1.72	1.83	1.41	1.77	38.97
Average.....	2.49	1.45	3.21	3.51	3.61	3.54	3.02	2.43	3.60	2.67	2.55	2.62	34.83

*F. om Wauseon records.

TABLE 33.—Precipitation, by months and years, at
Batavia, Clermont County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916.....	6.29	2.39	4.59	1.94	3.93	4.27	1.31	4.97	2.25	2.14	1.97	3.64	39.69
1917.....	4.51	1.59	3.93	3.73	4.44	3.03	4.12	1.84	2.23	3.00	.63	1.48	34.53
1918.....	5.33	.95	2.54	2.73	3.94	5.93	1.36	5.88	2.46	3.02	2.15	4.73	41.02
1919.....	1.95	.87	5.31	3.39	4.74	2.98	3.85	1.76	1.85	9.56	4.64	3.46	44.36
1920.....	4.05	1.59	3.81	6.81	4.04	2.88	5.28	7.15	3.13	1.95	1.60	1.01	43.30
1921.....	1.21	1.66	4.06	4.14	3.73	3.18	2.59	6.51	3.84	1.67	4.54	4.33	41.46
1922.....	1.50	1.54	3.67	4.13	4.09	1.71	2.47	5.07	3.89	2.50	1.74	3.44	35.75
1923.....	3.87	1.99	2.05	2.46	2.29	6.31	3.64	3.72*	.89	1.34	2.76	7.09	38.41
1924.....	3.33	1.74	2.32	2.28	3.21	6.35	2.28	2.18	3.27	.34	1.31	2.31	30.92
1925.....	1.39	1.42	1.75	2.71	1.66	1.60	5.27	3.30	4.66	5.51	4.82	.70	34.79
1926.....	3.36	3.35*	1.78	4.12	6.18	3.28	5.32	8.96	4.24	6.51	1.66	2.56	51.32
1927.....	4.68	2.37	2.50	4.32	5.29	3.53	4.91	7.47	1.57	1.40	7.10	3.78	48.92
1928.....	1.68	3.13	1.48	4.16	.90	9.58	2.90	3.09	.82	3.95	2.90	1.83	36.42
1929.....	3.40	1.58	2.01	4.16	9.08	5.17	7.60	1.81	6.17	2.94	4.85	2.57	51.34
1930.....	3.87	2.72	1.68	1.98	1.27	.80	1.29	1.68	2.60	.73	1.44	1.32	21.38
1931.....	1.00	1.99	2.02	5.53	2.42	5.34	5.12	9.96	4.55	3.20	2.96	4.27	48.36
1932.....	5.16	1.57	3.01	2.44	1.26	2.76	4.84	4.02	3.12	2.45	1.29	1.73	33.65
1933.....	1.71	1.33	6.77	4.75	10.01	1.37	2.22	4.36	6.18	1.78	1.51	4.23	46.22
1934.....	1.44	.88	2.82	1.22	.80	3.39	2.31	2.67	4.78	.26	1.92	1.46	23.95
1935.....	3.81	1.75	5.46	3.14	6.12	4.55	5.27	6.21	2.32	2.01	3.11	1.85	45.60
1936.....	1.06	2.51	2.91	3.49	1.52	.99	.66	4.32	3.94	6.38	4.20	2.51	34.49
1937.....	14.81	1.13	1.16	4.13	2.74	4.78	3.84	3.24	3.94	2.69	1.60	3.48	47.54
Average.....	3.61	1.82	3.07	3.53	3.80	3.81	3.57	4.55	3.30	2.97	2.76	2.90	39.70

*From Cincinnati records.

TABLE 34.—Precipitation, by months and years, at
Cortland, Trumbull County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1921.....	1.90	2.30	5.83	4.26	2.85	1.56	2.29	1.65	3.98	2.69	5.68	1.81	36.80
1922.....	1.34	1.61	3.31	3.73	3.92	2.56	5.52*	2.95*	4.69	1.53	1.40	2.10	34.66
1923.....	3.45	2.24	2.07	1.79	2.98	4.06	2.94	3.27	2.55	1.30	4.00	4.84	35.49
1924.....	2.95	2.00	2.26	2.99	4.85	6.61	4.79	4.97	13.16	.26	1.03*	2.54*	48.41
1925.....	1.00	1.74	3.22	1.04	1.53	3.52	6.00	2.40	5.76	4.29	3.21	.90*	34.61
1926.....	2.10	1.40	1.40	2.10	1.55	3.40	3.31	4.04	12.08	7.36	1.98	2.17	42.89
1927.....	1.12	2.09	4.40	2.63	4.03	2.72	5.12	3.94	1.36	1.85	7.41	5.48	42.15
1928.....	1.59	2.76	4.00	2.95	2.21	6.97	6.16	1.88	.67	3.94	3.83	.87	37.83
1929.....	1.85	1.15	4.43	8.16	6.20	2.04	4.97	1.22	2.35	3.29	6.02	1.64	43.32
1930.....	5.02	2.87	1.35	1.17	1.13	2.48	1.44	1.74	1.37	1.25	.05	.04	19.91
1931.....	.90	.50	1.33	3.28	3.00	3.15	4.70	4.39	2.60	2.40	1.83	4.10	32.18
1932.....	5.26	.31	1.70	2.70	4.85	2.75	6.30	2.45	.94	.98	1.46	1.68	31.38
1933.....	1.42	1.11	4.71	2.94	3.43	1.33	1.26	1.55	2.79	.70	2.75	3.58	27.57
1934.....	1.60	1.40	1.12	1.56	.53	2.09	4.07	7.14	3.19	1.10	1.91	.62	26.33
1935.....	2.44	1.28	1.40	2.02	2.39	2.94	4.51	3.29	2.09	1.54	2.09*	5.87	31.86
1936.....	1.56	1.70	1.48	1.77	1.53	2.23	3.07	5.97	1.88	2.87	1.62	3.43	29.11
1937.....	5.09	.80	1.95	4.14	1.56	5.19	4.04	4.01	3.24	3.44	1.09	2.54	37.09
Average.....	2.38	1.60	2.70	2.89	2.85	3.27	4.14	3.34	3.81	2.40	2.78	2.60	34.79

*From Canfield records.

TABLE 35.—Precipitation, by months and years, at
St. Clairsville, Belmont County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1925.....	1.75	2.36	2.35	1.66	4.49	3.69	6.34	0.56	2.25	5.97	3.08	0.70	35.20
1926.....	3.25	2.87	1.63	1.65	3.14	3.42	2.80	6.10	5.93	6.16	4.47	1.61	42.03
1927.....	3.81	2.60	1.61	3.89	3.19	2.50	1.64	1.19	1.28	.81	2.43	1.38	26.33
1928.....	3.81	2.42	1.64	2.94	2.19	7.35	5.55	1.67	1.76	2.89	2.14	3.74	36.10
1929.....	2.32	1.89	2.62	5.88	7.04	2.73	2.66	1.92	3.01	6.95	4.14	1.47	42.68
1930.....	2.29	2.09	1.54	1.32	1.71	.93	1.33	.64	3.50	.47	.44	.86	17.12
1931.....	3.44	2.54	1.59	5.36	4.12	5.76	6.17	5.06	5.44	1.94	1.07	3.40	43.20
1932.....	3.44	.43	1.11	1.02	2.03	3.48	5.13	3.97	2.02	1.78	5.19	7.44	37.04
1933.....	2.56	2.26	6.33	4.78	5.24	1.97	2.43	3.17	4.19	.27	1.45	2.92	37.57
1934.....	2.10	3.00	2.71	3.30	.42	3.58	6.67	5.23	4.76	.78	2.29	1.72	36.56
1935.....	3.32	3.16	3.83	3.02	4.61	5.21	6.82	10.37	2.77	2.05	3.68	2.81	51.65
1936.....	2.79	3.25	5.76	3.15	1.60	1.35	3.68	3.10	2.53	5.00	3.69	2.65	38.55
1937.....	11.48	1.35	1.52	4.12	5.56	6.28	8.59	3.01	1.58	5.58	1.83	3.47	54.37
Average.....	3.13	2.32	2.56	3.24	3.49	3.71	4.68	3.54	3.16	3.13	2.76	2.63	38.34

TABLE 36.—Precipitation, by months and years, at
Fleming, Washington County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1921.....	2.50	1.73	4.63	2.81	4.31	4.27	4.13	4.44	6.28	1.50	5.77	4.40	46.77
1922.....	2.13	1.88	6.14	3.01	4.75	5.52	5.46	9.10	2.04	3.26	1.05	3.74	48.08
1923.....	3.80	2.84	3.55	3.41	4.14	3.80	5.44	2.89	3.10	1.16	4.07	6.62	44.82
1924.....	4.81	2.80	3.67	2.68	5.22	4.22	2.93	1.91	4.89	.16	1.98	2.87	38.14
1925.....	2.54	1.17	3.08	1.97	2.84	5.29	5.35	2.40	1.02	4.27	5.47	4.24	39.64
1926.....	1.98	3.36	1.98	1.52	1.45	4.53	8.18	5.61	4.94	4.89	2.85	3.52	44.81
1927.....	4.49	4.17	3.37	5.14	3.43	4.13	6.30	2.81	1.79	1.95	7.22	3.69	47.43
1928.....	1.54	4.17	3.07	3.91	1.62	8.54	4.52	3.13	1.40	3.93	3.46	1.80	41.09
1929.....	3.25	2.55	2.56	3.97	5.74	4.56	2.89	3.11	4.65	4.19	4.40	3.64	45.51
1930.....	2.11	2.77	3.79	1.70	1.06	.82	.79	1.65	.79	1.14	.67	2.12	19.41
1931.....	1.05	2.15	1.88	5.12	3.47	4.62	1.08	5.06	3.30	2.13	2.19	3.95	36.00
1932.....	5.52	1.49	3.85	1.69	1.03	4.21	6.89	4.25	1.51	2.32	3.78	1.99	38.53
1933.....	3.48	2.05	6.28	4.64	6.67	1.97	3.40	4.84	3.25	.73	1.07	2.98	41.36
1934.....	2.26	1.61	3.14	.87	1.17	4.28	3.87	5.58	3.99	.15	2.68	2.06	31.66
1935.....	3.77	1.76	3.99	2.55	5.64	3.07	3.83	11.54	4.63	2.34	2.28	3.72	49.12
1936.....	1.67	1.05	3.42	4.07	1.29	1.71	2.45	2.43	2.26	2.85	3.39	3.59	30.18
1937.....	10.38	2.58	1.11	2.49	4.52	6.63	3.52	4.23	1.64	3.73	1.39	2.68	44.90
Average.....	3.37	2.30	3.50	3.03	3.43	4.25	4.18	4.41	3.03	2.40	3.28	3.39	40.43

TABLE 37.—Precipitation, by months and years, at
Holgate, Henry County

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1930.....	5.35	1.27	2.33	4.09	1.70	2.35	0.82	2.93	2.46	1.13	1.42	0.90	26.75
1931.....	1.14	1.27	2.46	2.77	2.32	3.15	3.29	2.31	2.85	1.96	2.76	3.39	29.67
1932.....	3.69	.97	1.92	1.97	2.40	2.78	2.56	.97	3.78	3.98	2.72	4.06	31.80
1933.....	1.28	1.65	4.50	3.00	7.29	1.15	1.72	2.06	4.47	1.28	.93	1.24	30.57
1934.....	1.35	.80	2.70	2.81	.68	3.14	2.01	1.88	4.71	.55	2.14	1.41	24.18
1935.....	2.43	1.11	2.34	1.41	4.91	2.76	5.58	4.22	2.37	1.30	3.13	1.16	32.72
1936.....	.91	2.74	2.90	1.69	1.86	2.54	1.89	1.64	3.91	2.81	1.23	2.12	26.24
1937.....	5.00	.93	1.35	4.45	3.29	8.61	2.89	2.23	3.01	1.98	.75	1.14	35.63
Average.....	2.64	1.34	2.56	2.77	3.06	3.31	2.59	2.28	3.44	1.87	1.88	1.93	29.69